

BAB V

SIMPULAN DAN SARAN

5.1. SIMPULAN

Berdasarkan hasil penelitian yang telah dilaksanakan, dapat diperoleh simpulan sebagai berikut :

1. Pekerjaan Instalasi Gas Medis berpengaruh secara signifikan terhadap biaya pembangunan gedung rumah sakit di klaten, dimana 79,0% biaya pembangunan gedung rumah sakit dipengaruhi oleh pekerjaan instalasi gas medis, sedangkan sisanya 21,0% dipengaruhi oleh sebab-sebab lain.
2. Model estimasi biaya pembangunan gedung rumah sakit dengan “*Cost Significant Model*” adalah :

$$Y = 5,455. X_{13} + 1.088.000 \dots\dots\dots (5.1)$$

Dengan, Y = Biaya pembangunan gedung rumah sakit (Rp/m²).

X₁₃= Biaya Pekerjaan instalasi gas medis (Rp/m²)

3. Akurasi model estimasi biaya pembangunan gedung rumah sakit dengan metode “*Cost Significant Model*” adalah berkisar antara rentang -12,97% sampai dengan +26,80%, dengan rata-rata +2,865%.

5.2. SARAN

Berdasarkan dari simpulan penelitian sebagaimana yang telah diuraikan sebelumnya, maka dapat disarankan hal-hal sebagai berikut :

1. Apabila menggunakan metoda *Cost Model Faktor (CMF)* untuk penelitian yang lain perhatikan data yang menjadi input. Karena pembentukan jaringan model CMF tergantung pada data yang menjadi input penelitian. Gunakan data dengan range yang lebih beragam agar data dapat tersaji dengan hasil yang lebih akurat. Penggunaan data pelatihan lebih banyak lebih baik, karena itu berarti indeks yang di hasilkan akan lebih akurat sehingga bisa di gunakan sebagai acuan sebelum perencanaan pembangunan.
2. Dilakukan penelitian lanjutan dengan objek penelitian sama (gedung rumah sakit) dengan jumlah data yang lebih banyak, untuk meningkatkan hasil permodelan. Karena selain itu, penelitian juga sebaiknya dilakukan dalam cakupan wilayah lain yang lebih luas. Atau penelitian dengan objek yang berbeda agar memperoleh gambaran keragaman hasil mengenai metoda cost model estimasi konseptual biaya ini.
3. Guna meningkatkan hasil penelitian kedepan khususnya, bagi Instansi (target penelitian) agar memudahkan peneliti dalam proses pengambilan data, dengan catatan bila proses perijinan sudah terpenuhi sebagai mana telah ditentukan oleh masing-masing instansi.

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RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP V VIP, VIP, & KELAS 1
PROYEK : PENGEMBANGAN RSU PKU MUHAMMADIAH DELANGGU-KLATEN
: 2013

RINCIAN NILAI VARIABEL (X)

URAIAN PEKERJAAN	VOLUME		HARGA SATUAN		JUMLAH (Rp)
2	3		4		5
PEKERJAAN PERSIAPAN					
Pek. Kantor Direksi	1.00	ls	Rp	2,000,000.00	Rp 2,000,000.00
Pek. Gudang Semen dan alat - alat kerja	1.00	ls	Rp	2,250,000.00	Rp 2,250,000.00
Pek. Pembersihan Lapangan	1.00	ls	Rp	1,500,000.00	Rp 1,500,000.00
Listrik & Air Kerja	6.00	bln	Rp	400,000.00	Rp 2,400,000.00
SUB TOTAL					Rp 8,150,000.00
PEKERJAAN TANAH					
Galian Tanah footplat	1,336.67	m ³	Rp	23,200.00	Rp 31,010,715.00
Galian tanah pondasi	83.94	m ³	Rp	23,200.00	Rp 1,947,477.60
Urugan tanah kembali	473.54	m ³	Rp	8,865.20	Rp 4,198,002.43
Urug pasir bawah pondasi	7.28	m ³	Rp	75,600.00	Rp 550,315.08
Urug pasir bawah Sloof	16.30	m ³	Rp	75,600.00	Rp 1,231,977.60
Tanah Urugan mendatangkan	396.90	m ³	Rp	75,600.00	Rp 30,005,640.00
Pek. Galian Septictank, Resapan, Groundtank, Bak Kontrol, Drainase	147.10	m ³	Rp	23,200.00	Rp 3,412,720.00
Pek. Urugan Sirtu Padat Meninggikan Lantai Dasar Bangunan	364.80	m ³	Rp	75,600.00	Rp 27,578,880.00
SUB TOTAL					Rp 99,935,727.71
PEKERJAAN PONDASI					
Pas. Pondasi batu kali 1Pc : 5 Ps	45.65	m3	Rp	339,156.00	Rp 15,481,114.78
Lantai Kerja footplat	30.63	m ³	Rp	621,987.46	Rp 19,048,365.96
Footplate	107.19	m ³	Rp	2,984,811.46	Rp 319,934,478.37
SUB TOTAL					Rp 354,463,959.11
PEKERJAAN STRUKTUR					
Sloof S1 25x40	54.58	m ³	Rp	2,956,941.00	Rp 161,389,839.78
Sloof S2 20x30	5.08	m ³	Rp	2,956,941.00	Rp 15,009,432.52
Sloof S3 15x20	3.57	m ³	Rp	2,956,941.00	Rp 10,555,392.29
Kolom k1 40x40	100.80	m ³	Rp	3,872,225.00	Rp 390,320,280.00
Kolom K2 40x40	29.44	m ³	Rp	3,872,225.00	Rp 113,998,304.00
Kolom K2a 30x30	19.44	m ³	Rp	3,872,225.00	Rp 75,276,054.00
Balok BO 30x40	23.28	m ³	Rp	3,369,141.00	Rp 78,433,602.48
Balok B1 30x40	42.17	m ³	Rp	3,369,141.00	Rp 142,069,937.69
Balok B2 20x40	6.77	m ³	Rp	3,369,141.00	Rp 22,802,346.29
Balok B3 15x30	4.74	m ³	Rp	3,369,141.00	Rp 15,959,620.92
Balok B4 15x20	1.17	m ³	Rp	3,369,141.00	Rp 3,947,959.42
Plat Lantai	118.85	m ³	Rp	3,306,014.66	Rp 392,913,230.31
Plat Tangga	2.24	m ³	Rp	3,306,014.66	Rp 7,393,901.79
Balok Bordes	0.63	m ³	Rp	3,369,141.00	Rp 2,122,558.83
Kolom Praktis	2.86	m ³	Rp	3,872,225.00	Rp 11,082,307.95
Ring Balk RB 20x30	10.21	m ³	Rp	3,916,719.50	Rp 39,997,539.53
RB 1 20x30	10.69	m ³	Rp	3,916,719.50	Rp 41,877,564.89
RB 2 15x20	1.17	m ³	Rp	3,916,719.50	Rp 4,589,611.91
BK 1 20x30	3.15	m ³	Rp	3,369,141.00	Rp 10,612,794.15
BK 2 15x30	1.98	m ³	Rp	3,369,141.00	Rp 6,686,060.31
Talang Cor	15.36	m ³	Rp	3,306,014.66	Rp 50,780,385.18
SUB TOTAL					Rp 1,597,818,724.24
PEKERJAAN DINDING & PLESTERAN					
Pek. Dinding Bata 1pc : 5 ps	3,377.40	m2	Rp	56,252.50	Rp 189,987,193.50
Pek. Plesteran Dinding Bata	6,754.80	m2	Rp	17,872.00	Rp 120,721,785.60
Pek. Acian Dinding & Kolom	6,754.80	m2	Rp	9,500.00	Rp 64,170,600.00
Pek. Pasangan Dinding Rooster GRC Prefab	383.00	m2	Rp	60,000.00	Rp 22,980,000.00
SUB TOTAL					Rp 397,859,579.10
PEKERJAAN PENGECATAN					
Pek. Pengecatan Dinding Exterior ex Dulux Waethershield /setara	920.00	m2	Rp	26,800.00	Rp 24,656,000.00
Pek. Pengecatan Dinding Interior ex Danacryl / Setara	6,444.00	m2	Rp	18,000.00	Rp 115,992,000.00
Pek. Pengecatan plafond ex Cathylac / setara	2,432.00	m2	Rp	18,000.00	Rp 43,776,000.00
Pek. Lisplang Woodplank ex Dulux V Gloss/ setara	188.80	m2	Rp	26,800.00	Rp 5,059,840.00
Pek. Pengecatan Duco Daun Pintu ex Alfagloss, Clear ex Nipe	48.80	m2	Rp	48,250.00	Rp 2,354,600.00
Pek. Waterproofing Coating ex Aquaproof / Setara	226.56	m2	Rp	32,000.00	Rp 7,249,920.00
SUB TOTAL					Rp 199,088,360.00
PEKERJAAN PENUTUP LANTAI & DINDING					
Pek. Lantai Granite 60x60 ex Indogress / Setara	621.00	m2	Rp	206,107.50	Rp 127,992,757.50
Pek. Lantai Keramik 40x40 ex Mulia / Setara	1,634.70	m2	Rp	98,582.50	Rp 161,152,812.75
Pek. Lantai Keramik K.Mandi 25X25 Mulia / Setara	176.30	m2	Rp	120,000.00	Rp 21,156,000.00
Pek. Dinding Keramik K.Mandi T. 1.60 : 25X40 Mulia / Setara	523.68	m2	Rp	120,000.00	Rp 62,841,600.00
Pek. Plin Keramik 10 x 40 ex Mulia / Setara	1,731.30	ml	Rp	19,000.00	Rp 32,894,700.00
Pek. Plin Granite 10 x 60 ex Indogress	193.00	ml	Rp	45,000.00	Rp 8,685,000.00
Pek. List Keramik 8 x 25 ex KIA	327.30	ml	Rp	25,000.00	Rp 8,182,500.00
Pek. Ornamen Granit 120x120 ex Decogress	4.00	unit	Rp	250,000.00	Rp 1,000,000.00
Pek. Stepnose Tangga 10x 30 ex KIA	264.00	bh	Rp	45,000.00	Rp 11,880,000.00
SUB TOTAL					Rp 435,785,370.25
PEKERJAAN PLAFOND & PARTISI					
Pek. Plafond Gypsum 9mm+rangka hollow zinkalume (ex elephant / setara	2,432.00	m2	Rp	90,000.00	Rp 218,880,000.00
Pek. List Plafond Sudut Gypsum C7 ex Elephant / Setara	6,754.80	ml	Rp	10,000.00	Rp 67,548,000.00
Pek. List Plafond Datar / Biding Gvsump ex Elephant / Setara	5,066.10	ml	Rp	9,000.00	Rp 45,594,900.00

Pek. Partisi Gypsum 2x9mm rangka besi hollow / metalstud	78.75	m2	Rp	150,000.00	Rp	11,812,500.00
SUB TOTAL					Rp	343,835,400.00
PEKERJAAN ATAP						
Pek. Kuda-kuda Rangka Atap Baja Ringan ex Sakti Truss / setara	1,533.30	m2	Rp	126,000.00	Rp	193,196,120.09
Pas. Genteng Metal Tekstur Zinalume ex Suryarook / setara	1,533.30	m2	Rp	113,000.00	Rp	173,263,187.07
Pek. Bubungan / Karpus Genteng Metal Zinalume Suryarook/ setara	112.00	ml	Rp	53,000.00	Rp	5,936,000.00
Pek. Listplank 2/20 x 400 ex Kalsiwood Plank/ setara	188.80	ml	Rp	27,000.00	Rp	5,097,600.00
SUB TOTAL					Rp	377,492,907.16
PEKERJAAN PLUMBING & SANITAIR						
KM/WC VVIP :						
Pek. Monoblok ex Toto CW421J Warna (terpasang)	3.00	unit	Rp	1,855,987.00	Rp	5,567,961.00
Pek. Jet / Wash Shower ex Dupon	3.00	set	Rp	454,298.00	Rp	1,362,894.00
Pek. Kran Bak Mandi ex Onda	3.00	bh	Rp	159,298.00	Rp	477,894.00
Pas. Kran Air Panas Dingin + Hand Shower	3.00	set	Rp	189,298.00	Rp	567,894.00
Pek. Soap Dish Tanam ex Lokal	3.00	bh	Rp	104,298.00	Rp	312,894.00
Pas. Kursi Lipat Pasien	3.00	bh	Rp	500,000.00	Rp	1,500,000.00
Pas. Towel Bar	3.00	bh	Rp	400,000.00	Rp	1,200,000.00
Pek. Hand Rail	3.00	bh	Rp	300,000.00	Rp	900,000.00
Pek. Washtafel ex Toto L34W/F (terpasang)	3.00	unit	Rp	1,176,080.00	Rp	3,528,240.00
Pek Floor Drain	3.00	bh	Rp	85,298.00	Rp	255,894.00
KM/WC VIP :						
Pek. Monoblok ex Toto CW421J Warna (terpasang)	6.00	unit	Rp	1,855,978.00	Rp	11,135,868.00
Pek. Jet / Wash Shower ex Dupon	6.00	set	Rp	454,298.00	Rp	2,725,788.00
Pas. Kran Air Panas Dingin + Hand Shower	6.00	set	Rp	189,298.00	Rp	1,135,788.00
Pek. Soap Dish Tanam ex Lokal	6.00	bh	Rp	104,298.00	Rp	625,788.00
Pas. Kursi Lipat Pasien	6.00	bh	Rp	500,000.00	Rp	3,000,000.00
Pas. Towel Bar	6.00	bh	Rp	400,000.00	Rp	2,400,000.00
Pek. Hand Rail	6.00	bh	Rp	300,000.00	Rp	1,800,000.00
Pek. Washtafel ex Toto L34W/F (terpasang)	6.00	unit	Rp	1,176,080.00	Rp	7,056,480.00
Pek Floor Drain	6.00	bh	Rp	85,298.00	Rp	511,788.00
KM/WC Kelas - 1 :						
Pek. Monoblok ex Toto CW421J Warna (terpasang)	10.00	unit	Rp	1,855,978.00	Rp	18,559,780.00
Pek. Jet / Wash Shower ex Dupon	10.00	set	Rp	454,298.00	Rp	4,542,980.00
Pas. Kran Bak Mandi	10.00	bh	Rp	30,000.00	Rp	300,000.00
Pek. Soap Dish Tanam ex Lokal	10.00	bh	Rp	70,000.00	Rp	700,000.00
Pas. Towel Bar	10.00	bh	Rp	350,000.00	Rp	3,500,000.00
Pek. Hand Rail	10.00	bh	Rp	200,000.00	Rp	2,000,000.00
Pek Floor Drain	10.00	bh	Rp	85,298.00	Rp	852,980.00
KM/WC Kelas - 2 :						
Pek. Monoblok ex INA T-12 Warna (terpasang)	10.00	unit	Rp	1,855,978.00	Rp	18,559,780.00
Pek. Jet / Wash Shower ex Dupon	10.00	set	Rp	454,298.00	Rp	4,542,980.00
Pas. Kran Bak Mandi	10.00	bh	Rp	30,000.00	Rp	300,000.00
Pek. Soap Dish Tanam ex Lokal	10.00	bh	Rp	70,000.00	Rp	700,000.00
Pek. Hand Rail	10.00	bh	Rp	150,000.00	Rp	1,500,000.00
Pek Floor Drain	10.00	bh	Rp	95,000.00	Rp	950,000.00
KM/WC Kelas - 3 :						
Pek. Closet Jongkok ex INA (terpasang)	6.00	unit	Rp	386,070.00	Rp	2,316,420.00
Pek. Jet / Wash Shower ex Dupon	6.00	set	Rp	454,298.00	Rp	2,725,788.00
Pas. Kran Bak Mandi	6.00	bh	Rp	22,500.00	Rp	135,000.00
Pek. Soap Dish Tanam ex Lokal	6.00	bh	Rp	55,000.00	Rp	330,000.00
Pek. Hand Rail	6.00	bh	Rp	140,000.00	Rp	840,000.00
Pek Floor Drain	6.00	bh	Rp	90,000.00	Rp	540,000.00
KM/WC Umum :						
Pek. Closet Jongkok ex INA (terpasang)	4.00	unit	Rp	386,070.00	Rp	1,544,280.00
Pas. Kran Bak Mandi	4.00	bh	Rp	20,000.00	Rp	80,000.00
Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	50,000.00	Rp	200,000.00
Pek Floor Drain	4.00	bh	Rp	85,000.00	Rp	340,000.00
Spelhoek :						
Pek. Bak Cuci Stainlesssteel 2 Bak	2.00	unit	Rp	300,000.00	Rp	600,000.00
Pas. Kran Zink	2.00	bh	Rp	20,000.00	Rp	40,000.00
Pas. Floor Drain	2.00	bh	Rp	45,000.00	Rp	90,000.00
PEKERJAAN PLUMBING & DRAINASE						
Pas. Pipa PVC AW 1/2" ex Wavin (air bersih ke kran)	30.00	ml	Rp	5,000.00	Rp	150,000.00
Pas. Pipa PVC AW 3/4" ex Wavin (air bersih ke & dari water tower)	50.00	ml	Rp	7,000.00	Rp	350,000.00
Pas. Pipa PVC AW 1" ex Wavin (distribusi induk air bersih)	75.00	ml	Rp	15,000.00	Rp	1,125,000.00
Pas. Pipa PVC AW 3" ex Wavin (outlet air kotor floordrain)	100.00	ml	Rp	30,000.00	Rp	3,000,000.00
Pas. Pipa PVC AW 4" ex Wavin (outlet dari WC ke Septictank)	100.00	ml	Rp	60,000.00	Rp	6,000,000.00
Pas Pipa PVC AW ex Wavin 6" (air kotor ke Ipal & ST)	100.00	ml	Rp	70,000.00	Rp	7,000,000.00
Pas. Bak Kontrol	6.00	bh	Rp	250,000.00	Rp	1,500,000.00
Pas. Buis Beton Saluran Air	201.00	ml	Rp	30,000.00	Rp	6,030,000.00
Pas. Septictank & Resapan	3.00	bh	Rp	4,000,000.00	Rp	12,000,000.00
Pas. Housetank Stainlesssteel 2x1500l	2.00	bh	Rp	4,000,000.00	Rp	8,000,000.00
SUB TOTAL					Rp	158,010,159.00
PEKERJAAN SOUND SYSTEM & TELEPON						
INSTALASI TELEPON						
Lantai 1						
Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	4	titik	Rp	140,000.00	Rp	560,000.00
Outlet Telephone Broco + Inbow	4	buah	Rp	55,000.00	Rp	220,000.00
Handset SLT	4	unit	Rp	110,000.00	Rp	440,000.00
Box TTB-11 Uk. (20 x 30 x 40) cm	1	unit	Rp	450,000.00	Rp	450,000.00
Lantai 2						
Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	1	titik	Rp	140,000.00	Rp	140,000.00
Outlet Telephone Broco + Inbow	1	buah	Rp	55,000.00	Rp	55,000.00
Handset SLT	1	unit	Rp	110,000.00	Rp	110,000.00
INSTALASI SOUNDSYSTEM						
LANTAI 1						
Peralatan Utama set soundsystem terdiri dari:	1	set	Rp	12,000,000.00	Rp	12,000,000.00
Power Amplifier, Speaker selektor, Paging Microphone + Chome						
Rackmount						
Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	11	titik	Rp	210,000.00	Rp	2,310,000.00
Ceiling spekaer	11	buah	Rp	85,000.00	Rp	935,000.00
Attenuator	2	buah	Rp	118,000.00	Rp	236,000.00
Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	2	titik	Rp	120,000.00	Rp	240,000.00
Junction Box	1	box	Rp	300,000.00	Rp	300,000.00
LANTAI 2						
Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	11	titik	Rp	210,000.00	Rp	2,310,000.00
Ceiling spekaer	11	buah	Rp	85,000.00	Rp	935,000.00

Attenuator	2	buah	Rp	118,000.00	Rp	236,000.00
Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	2	titik	Rp	120,000.00	Rp	240,000.00
Junction Box	1	box	Rp	300,000.00	Rp	300,000.00
INSTALASI NURSCALL (COMAX)						
Master Control Nurse Call System untuk 36 + 12 Station	1	unit	Rp	3,500,000.00	Rp	3,500,000.00
Coridor Lamp 4 warna	19	Buah	Rp	330,000.00	Rp	6,270,000.00
Jack Plate	19	Unit	Rp	440,000.00	Rp	8,360,000.00
Bed Side Call Button	19	Unit	Rp	310,000.00	Rp	5,890,000.00
Lavatory Call Batton	19	unit	Rp	370,000.00	Rp	7,030,000.00
Toilet Call Button	19	unit	Rp	370,000.00	Rp	7,030,000.00
Instalasi titik NC dengan ITC 2x2x0,6 mm2	57	titik	Rp	190,000.00	Rp	10,830,000.00
Alat Bantu	1	Lot	Rp	250,000.00	Rp	250,000.00
INSTALASI CCTV						
Dome Camera Standart CCTV Analog Avtek IR	2	unit	Rp	600,000.00	Rp	1,200,000.00
DVR 4 Channel + Hd	1	unit	Rp	2,500,000.00	Rp	2,500,000.00
Monitor LCD 19"	1	unit	Rp	1,200,000.00	Rp	1,200,000.00
Instalasi dengan kabel Coaxial	2	titik	Rp	210,000.00	Rp	420,000.00
SUB TOTAL					Rp	76,497,000.00
PEKERJAAN ELEKTRIKAL						
PEKERJAAN PANEL DAYA						
Instalasi Kabel Power (Dari MDP ke SDP Tiap Ruangan) NYY3X6mm2	120.00	m'	Rp	31,000.00	Rp	3,720,000.00
Pas. MDP Box Panel , uk: 40x60x20 + Busbar / Komplit	4.00	bh	Rp	650,000.00	Rp	2,600,000.00
Pas. Voltmeter ex Eco	4.00	bh	Rp	55,000.00	Rp	220,000.00
Pas Lampu Indikator RST + Fuse 2A ex	6.00	bh	Rp	15,000.00	Rp	90,000.00
Pas. MCB 16A 1phase ex Broco	25.00	bh	Rp	37,500.00	Rp	937,500.00
Pas. MCB 10A 1 phase ex Broco	39.00	bh	Rp	37,500.00	Rp	1,462,500.00
Pas. NFB 3x35A ex Merlin gerlin	2.00	bh	Rp	235,000.00	Rp	470,000.00
Pas. NFB 3x20A ex Merlin gerlin	2.00	bh	Rp	205,000.00	Rp	410,000.00
Pas. Grounding BC 35 mm2 ex Tembaga	88.40	m'	Rp	35,000.00	Rp	3,094,000.00
Pas. Grounding BC 16 mm2 ex Tembaga	15.00	m'	Rp	18,000.00	Rp	270,000.00
Pas. Kabel Tray 300x100 untuk Listrik ex	132.00	m'	Rp	47,000.00	Rp	6,204,000.00
PEKERJAAN PENERANGAN & STOP KONTAK						
Umum						
Instalasi Lampu / Penerangan NYM 3 x 1.5 mm2 ex Extrana	338.00	ttk	Rp	180,000.00	Rp	60,840,000.00
Instalasi Stop Kontak NYM 3 x 2.5 mm2 ex Extrana	154.00	ttk	Rp	225,000.00	Rp	34,650,000.00
Instalasi AC NYM 3 x 2.5 mm2 ex Extrana	23.00	ttk	Rp	95,000.00	Rp	2,185,000.00
Instalasi Lampu Taman 3 x 2.5 mm2 ex Extrana	8.00	ttk	Rp	100,000.00	Rp	800,000.00
Instalasi Exhaust Fan NYM 2 x 2.5 mm2 ex Extrana	40.00	ttk	Rp	60,000.00	Rp	2,400,000.00
Pas. Lampu TL RM 2x18watt Glossy ex Saka	82.00	bh	Rp	20,000.00	Rp	1,640,000.00
Pas. Lampu Downlight 3" + PL Ess. Phillips 11 watt ex Hinode	27.00	bh	Rp	28,500.00	Rp	769,500.00
Pas. Lampu Downlight 3" + PL Ess. Phillips 10 watt ex Hinode	40.00	bh	Rp	26,000.00	Rp	1,040,000.00
Pas. Lampu Downlight 4" + PL Ess. Phillips 18 watt ex Hinode	170.00	bh	Rp	33,500.00	Rp	5,695,000.00
Pas. Lampu Baca ex	19.00	bh	Rp	40,000.00	Rp	760,000.00
Pas. Lampu Taman + Cagak Besi (jadi) ex Lumina	8.00	bh	Rp	45,000.00	Rp	360,000.00
Pas. Stop Kontak ex Panasonic WESJP1121W	154.00	bh	Rp	15,000.00	Rp	2,310,000.00
Pas. Saklar Tunggal ex Panasonic WESJ5941+WESJ78029VV	57.00	bh	Rp	17,000.00	Rp	969,000.00
Pas. Saklar Ganda ex Panasonic WESJ5931+WESJ7802	96.00	bh	Rp	18,000.00	Rp	1,728,000.00
Pas. Exhaust Fan ex KDK RQN5-30	40.00	bh	Rp	326,000.00	Rp	13,040,000.00
Pas. AC 1 PK ex Panasonic	4.00	bh	Rp	2,650,000.00	Rp	10,600,000.00
Pas. AC 3/4 PK ex Panasonic	19.00	bh	Rp	2,300,000.00	Rp	43,700,000.00
PEKERJAAN POMPA AIR						
Pas. Pompa Dorong Housetank ke Ruangan ex Shimizu	2.00	set	Rp	800,000.00	Rp	1,600,000.00
Pas. Pompa dDorong Grountank ke Houstank	1.00	set	Rp	5,400,000.00	Rp	5,400,000.00
Pas. Radar Water Torn (dari groundtank ke watertorn) ex Radar RD99	2.00	set	Rp	50,000.00	Rp	100,000.00
PEKERJAAN PENANGKAL PETIR (terpasang)	1.00	set	Rp	11,000,000.00	Rp	11,000,000.00
PEKERJAAN SOLAR WATER HEATER						
a. Instalasi Pipa Air Panas (Wavin Tigris + Fiting) 3/4" dan 1/2"	100.00	m"	Rp	80,000.00	Rp	8,000,000.00
b. Instalasi Pipa Air Dingin + Fitting 3/4"	100.00	m"	Rp	30,000.00	Rp	3,000,000.00
c. Stop Kran Air Panas ex Onda	2.00	bh	Rp	60,000.00	Rp	120,000.00
d. Material Bantu (dudukan SWH, mekanik, dll)	1.00	ls	Rp	500,000.00	Rp	500,000.00
e. Solar Water Heater ex Wika Type 300LXC 300 liter	2.00	unit	Rp	23,000,000.00	Rp	46,000,000.00
SUB TOTAL					Rp	278,684,500.00
PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP						
LANTAI 1						
INSTALASI PEMIPAAN O2						
Cooper tube 1,1/8" ASTM B 819 Type L UNIPRO	14.00	m'	Rp	210,000.00	Rp	2,940,000.00
Cooper tube 3/4" ASTM B 819 Type L UNIPRO	67.00	m'	Rp	160,000.00	Rp	10,720,000.00
Cooper tube 1/2" ASTM B 819 Type L UNIPRO	80.00	m'	Rp	140,000.00	Rp	11,200,000.00
Cooper tube 3/8" ASTM B 819 Type L UNIPRO	63.00	m'	Rp	90,000.00	Rp	5,670,000.00
Fiting	1.00	ls	Rp	3,000,000.00	Rp	3,000,000.00
INSTALASI PEMIPAAN VACUM						
Cooper tube 1,3/8" ASTM B 819 Type L UNIPRO	14.00	m'	Rp	245,000.00	Rp	3,430,000.00
Cooper tube 7/8" ASTM B 819 Type L UNIPRO	67.00	m'	Rp	190,000.00	Rp	12,730,000.00
Cooper tube 5/8" ASTM B 819 Type L UNIPRO	31.00	m'	Rp	150,000.00	Rp	4,650,000.00
Cooper tube 1/2" ASTM B 819 Type L UNIPRO	109.00	m'	Rp	140,000.00	Rp	15,260,000.00
Fiting	1.00	ls	Rp	3,600,000.00	Rp	3,600,000.00
LANTAI 2						
INSTALASI PEMIPAAN O2						
Cooper tube 7/8" ASTM B 819 Type L UNIPRO	47.00	m'	Rp	190,000.00	Rp	8,930,000.00
Cooper tube 3/4" ASTM B 819 Type L UNIPRO	38.00	m'	Rp	160,000.00	Rp	6,080,000.00
Cooper tube 1/2" ASTM B 819 Type L UNIPRO	228.00	m'	Rp	140,000.00	Rp	31,920,000.00
Cooper tube 3/8" ASTM B 819 Type L UNIPRO	147.00	m'	Rp	90,000.00	Rp	13,230,000.00
Fiting	1.00	ls	Rp	3,600,000.00	Rp	3,600,000.00
INSTALASI PEMIPAAN VACUM						
Cooper tube 1,1/8" ASTM B 819 Type L UNIPRO	47.00	m'	Rp	210,000.00	Rp	9,870,000.00
Cooper tube 7/8" ASTM B 819 Type L UNIPRO	38.00	m'	Rp	190,000.00	Rp	7,220,000.00
Cooper tube 1/2" ASTM B 819 Type L UNIPRO	375.00	m'	Rp	140,000.00	Rp	52,500,000.00
Fiting	1.00	ls	Rp	3,100,000.00	Rp	3,100,000.00
PEKERJAAN INSTALASI BED HEAD						
LANTAI 1						
RUANG V VIP						
Outlet Oksigen GENTEC	3.00	bh	Rp	1,150,000.00	Rp	3,450,000.00
Outlet Vacum GENTEC	3.00	bh	Rp	1,150,000.00	Rp	3,450,000.00
RUANG VIP						
Outlet Oksigen GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00

Outlet Vacuum GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00
RUANG KELAS 1						
Outlet Oksigen GENTEC	10.00	bh	Rp	1,150,000.00	Rp	11,500,000.00
Outlet Vacuum GENTEC	10.00	bh	Rp	1,150,000.00	Rp	11,500,000.00
ZONE VALVE DAN ALARM SYSTEM						
Zone Valve Type 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
Alarm System 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
BED HEAD ALUMINIUM 1,2 M	19.00	bh	Rp	1,500,000.00	Rp	28,500,000.00
CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	ls	Rp	5,500,000.00	Rp	5,500,000.00
LANTAI 2						
RUANG KELAS 2						
Outlet Oksigen GENTEC	20.00	bh	Rp	1,150,000.00	Rp	23,000,000.00
Outlet Vacuum GENTEC	20.00	bh	Rp	1,150,000.00	Rp	23,000,000.00
RUANG KELAS 3						
Outlet Oksigen GENTEC	29.00	bh	Rp	1,150,000.00	Rp	33,350,000.00
Outlet Vacuum GENTEC	29.00	bh	Rp	1,150,000.00	Rp	33,350,000.00
ZONE VALVE DAN ALARM SYSTEM						
Zone Valve Type 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
Alarm System 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
BED HEAD ALUMINIUM 1,2 M	49.00	bh	Rp	1,500,000.00	Rp	73,500,000.00
CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	ls	Rp	5,500,000.00	Rp	5,500,000.00
SUB TOTAL					Rp	501,050,000.00

RINCIAN NILAI VARIABEL (Y)

URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
2	3	4	5
TOTAL NILAI PROYEK DALAM KONTRAK	Rp 4,327,621,686.56	Rp 501,050,000.00	Rp 4,828,671,686.56

RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP
 PROYEK : RUMAH SAKIT ISLAM KLATEN
 TAHUN ANGGARAN : 2012

RINCIAN NILAI VARIABEL (X)

NO.	URAIAN PEKERJAAN	VOLUME		HARGA SATUAN	JUMLAH (Rp)
1	2	3		4	5
X1	PEKERJAAN PERSIAPAN				
1	Pembersihan lokasi	1,572.50	m2	2,450.00	Rp 3,852,625.00
2	Pembuatan bak adukan	6.00	m2	50,000.00	Rp 300,000.00
3	Pembuatan direksi keet	24.00	m2	100,000.00	Rp 2,400,000.00
4	Pembuatan gudang alat dan bahan	24.00	m2	50,000.00	Rp 1,200,000.00
5	Penyediaan air kerja	1.00	Ls	720,000.00	Rp 720,000.00
	SUB TOTAL				Rp 8,472,625.00
X2	PEKERJAAN TANAH				
1	Galian Tanah footplat	286.75	m ³	Rp 30,465.00	Rp 8,735,838.75
2	Galian tanah pondasi	223.20	m ³	Rp 24,925.00	Rp 5,563,260.00
3	Urugan tanah kembali	98.26	m ³	Rp 8,308.33	Rp 816,376.51
4	Urug pasir bawah pondasi t 10 cm	27.90	m ³	Rp 51,970.00	Rp 1,449,963.00
5	Urug pasir bawah lantai t 10 cm	117.20	m ³	Rp 51,970.00	Rp 6,090,884.00
	SUB TOTAL				Rp 22,656,322.26
X3	PEKERJAAN PONDASI				
1	Pasangan batu kosong	32.55	m ³	128,148.00	Rp 4,171,217.40
2	Pas. Pondasi batu kali 1Pc : 6 Ps	45.65	m ³	Rp 326,055.00	Rp 14,883,106.53
3	Footplate 1,5 x 1,5 x 0,5	24.75	m ³	Rp 3,093,103.92	Rp 76,554,322.02
4	Footplate 1 x 1 x 0,5	38.00	m ³	Rp 3,093,103.92	Rp 117,537,948.96
	SUB TOTAL				Rp 91,437,428.55
X4	PEKERJAAN STRUKTUR				
A	PEKERJAAN BETON ELEVASI ± 0,00 s/d 3,60				
1	Beton sloof	8.83	m ³	2,975,286.00	Rp 26,271,775.38
2	Kolom struktur	21.51	m ³	4,094,075.00	Rp 88,063,553.25
3	Balok 20 x 45 (B1)	5.30	m ³	4,028,791.00	Rp 21,352,592.30
4	Balok 15 x 30 (B2)	0.78	m ³	3,843,991.00	Rp 2,998,312.98
5	Balok 20 x 40 (B3)	4.38	m ³	4,028,791.00	Rp 17,646,104.58
6	Balok 15 x 30 (B4)	2.43	m ³	3,843,991.00	Rp 9,340,898.13
7	Balok 15 x 25 (B5)	1.06	m ³	3,843,991.00	Rp 4,074,630.46
8	Balok 15 x 30 (B6)	12.81	m ³	3,843,991.00	Rp 49,241,524.71
9	Balok 15 x 30 (B7)	3.27	m ³	3,843,991.00	Rp 12,569,850.57
B	PEKERJAAN BETON ELEVASI +3.60 s/d +4.70				
1	Kolom 35 x 35	0.67	m ³	3,816,875.00	Rp 2,557,306.25
2	Kolom 25 x 35	0.67	m ³	3,678,275.00	Rp 2,464,444.25
3	Kolom 25 x 25	2.34	m ³	3,678,275.00	Rp 8,607,163.50
4	Balok Ring 15 x 30 (B6)	15.48	m ³	3,843,991.00	Rp 59,504,980.68
5	Balok Ring 15 x 30 (B7)	15.73	m ³	3,843,991.00	Rp 60,465,978.43
6	Plat Lntai 12 cm	201.60	m ³	3,370,995.12	Rp 679,592,616.32
7	Balok sloof 14/20	17.44	m ³	3,160,086.00	Rp 55,111,899.84
8	Kolom praktis 15/15	52.00	m ³	52,643.00	Rp 2,737,436.00
9	Balok latai 15/20	464.99	m ³	64,202.50	Rp 29,853,520.48
10	Balok Ring 15/20	581.24	m ³	64,202.50	Rp 37,317,061.10
11	Plat luvel tebal 10 cm	5.25	m ³	2,287,282.00	Rp 12,008,230.50
	SUB TOTAL				Rp 1,181,779,879.71
X5	PEKERJAAN DINDING & PLESTERAN				
1	Pasangan dinding bata ringan 1pc : 6ps	356.62	m2	115,000.00	Rp 41,011,300.00
2	Pasangan dinding batu bata 1pc : 6ps	1,868.96	m2	58,505.00	Rp 109,343,504.80
3	Plesteran dinding 1pc:6ps	4,451.15	m2	19,654.75	Rp 87,486,240.46
4	Sponengaan sudut dinding dan kolom	1,027.50	m'	6,875.50	Rp 7,064,576.25
	SUB TOTAL				Rp 244,905,621.51
X6	PEKERJAAN PENGECATAN				
1	Cat dinding luar warna cream	1,255.35	m2	26,882.50	Rp 33,746,946.38
2	Cat dinding luar luifel warna putih	52.50	m2	26,882.50	Rp 1,411,331.25
3	Cat dinding luar kolom/pilar warna cream	212.85	m2	26,882.50	Rp 5,721,940.13
4	Cat dinding luar lisplank atas luifel grey	351.56	m2	26,882.50	Rp 9,450,811.70
5	Cat dinding luar dinding motif tali air salmon orange	159.80	m2	26,882.50	Rp 4,295,823.50
6	Cat Genteng beton warna maron	1,072.54	m2	19,418.97	Rp 20,827,622.08
7	Pekerjaan waterproofing plat atap beton	368.00	m2	26,845.00	Rp 9,878,960.00
8	Cat plafon gypsum warna putih	1,020.00	m2	9,845.50	Rp 10,042,410.00
9	Cat Dinding (D1) Light Cream	1,502.18	m2	9,845.50	Rp 14,789,713.19
	SUB TOTAL				Rp 110,165,558.22

X7	PEKERJAAN PENUTUP LANTAI & DINDING				
1	Keramik 40 x 40 roman chrysant bone (L1)	232.82	m2	98,582.50	Rp 22,951,977.65
2	Keramik 40 x 40 roman chrysant grey (L2)	116.41	m2	98,582.50	Rp 11,475,988.83
3	Keramik 40 x 40 roman rivera bone (L3)	389.39	m2	98,582.50	Rp 38,387,039.68
4	Keramik 40 x 40 roman venera cream (L5)	21.52	m2	98,582.50	Rp 2,121,495.40
5	Plint Roman skreting 10 x 20	441.31	m'	92,719.38	Rp 40,917,987.38
6	Keramik dinding roman canossa beige 20x25 (D3)	168.00	m2	119,118.00	Rp 20,011,824.00
	SUB TOTAL				Rp 135,866,312.93
X8	PEKERJAAN PLAFOND & PARTISI				
1	Pas.Rangka plafon besi hollow 2x4 & 4x4	1,236.16	m2	62,800.00	Rp 77,630,848.00
2	Penutup plafon gypsum board tebal 9mm	1,236.16	m2	28,677.20	Rp 35,449,607.55
3	List plafon 7cm	867.05	m'	11,611.00	Rp 10,067,317.55
	SUB TOTAL				Rp 123,147,773.10
X9	PEKERJAAN ATAP				
1	Rangka Atap Baja ringan pryda	1,072.54	m2	160,000.00	Rp 171,606,400.00
2	Penutup atap genteng beton	1,072.54	m2	86,526.00	Rp 92,802,596.04
3	Papan Lisplank kayu bengkirai 2 x 2/20	194.90	m'	77,760.00	Rp 15,155,424.00
4	Bubungan genteng beton	133.10	m'	58,812.75	Rp 7,827,977.03
	SUB TOTAL				Rp 287,392,397.07
X10	PEKERJAAN PLUMBING & SANITAIR				
A	Air bekas, kotor dan vent				
	Pipa PVC AW ex.Wavin komplit dgn bobokan dan galian				
1	Pipa PVC Kelas AW dia 4"	299.00	m'	44,618.70	Rp 13,340,991.30
2	Pipa PVC Kelas AW dia 2"	32.00	m'	34,543.70	Rp 1,105,398.40
3	Pipa PVC Kelas AW dia 3/4"	40.00	m'	12,317.85	Rp 492,714.00
4	Bak Kontrol 50x50 cm	18.00	unit	350,000.00	Rp 6,300,000.00
5	Fitting + supporting	1.00	lot	250,000.00	Rp 250,000.00
					Rp -
B	Air bersih (Air dingin)				
	Instalasi pipa PVC AW dengan gantungan pipa dan galian				Rp -
1	Pipa PVC AW dia.2" Ex.Wavin	107.00	m'	34,543.70	Rp 3,696,175.90
2	Pipa PVC AW dia.1" Ex.Wavin	38.00	m'	15,054.85	Rp 572,084.30
3	Pipa PVC AW dia.3/4" Ex.Wavin	88.00	m'	12,317.85	
4	Ball valve 1" Ex.Wavin	9.00	bh	48,977.50	Rp 440,797.50
5	Plint Roman skreting 10 x 20	1.00	set	750,000.00	Rp 750,000.00
6	Pipa PVC AW dia 1" Ex.Wavin	57.00	m'	15,054.85	Rp 858,126.45
7	Pipa PVC AW dia 3/4" Ex.Wavin	15.00	m'	12,317.85	Rp 184,767.75
8	Ball valve 1" Ex.Wavin	2.00	bh	48,977.50	Rp 97,955.00
9	Penyambungan rooftop eksisting	1.00	unit	752,742.50	Rp 752,742.50
10	Fitting + Supporting	1.00	unit	450,000.00	Rp 450,000.00
C	Material Sanitair				
1	Closet duduk / monoblock american standar	9.00	bh	1,825,080.00	Rp 16,425,720.00
2	Wall shower panas dingin	9.00	bh	413,940.00	
3	Wastafel gantung american standar	8.00	bh	720,050.00	Rp 5,760,400.00
4	Kran wastafel	8.00	bh	188,940.00	Rp 1,511,520.00
5	Paper holder	9.00	bh	153,940.00	Rp 1,385,460.00
6	Shower spry / jet washer	9.00	bh	453,940.00	Rp 4,085,460.00
7	Soap holder	9.00	bh	103,940.00	Rp 935,460.00
8	Kran spoel hook	2.00	bh	188,940.00	Rp 377,880.00
9	Kran air bersih scub up	8.00	bh	158,940.00	Rp 1,271,520.00
10	Floor drain	9.00	bh	84,940.00	
11	Gantungan Handuk / double rob hook	9.00	bh	75,000.00	Rp 675,000.00
	SUB TOTAL				Rp 61,720,173.10
X11	PEKERJAAN SOUND SYSTEM & TELEPON				
A	INSTALASI TELEPON				
1	Instalasi telephone	6.00	titik	225,000.00	Rp 1,350,000.00
2	Outlet telephone dinding 1 pole ex.clipsal	4.00	bh	70,000.00	Rp 280,000.00
3	Outlet telephone lantai 1 pole ex.clipsal	2.00	bh	85,000.00	Rp 170,000.00
4	Telephone terminal box/TTB	1.00	unit	3,500,000.00	Rp 3,500,000.00
5	ITC 10 pairs (TTB-PABX)	65.00	m	55,000.00	Rp 3,575,000.00
B	INSTALASI SOUND SYSTEM				
1	Instalasi Ceiling Speaker	23.00	titik	210,000.00	Rp 4,830,000.00
2	Ceiling Speaker 6 W Ex.TOA	23.00	bh	500,000.00	Rp 11,500,000.00
3	Volume control Ex.TOA	7.00	bh	350,000.00	Rp 2,450,000.00
4	Mixer amplifire 60 watt	1.00	bh	3,750,000.00	Rp 3,750,000.00
5	Paging mix	1.00	bh	3,500,000.00	Rp 3,500,000.00
	SUB TOTAL				Rp 34,905,000.00
X12	PEKERJAAN ELEKTRIKAL				
	Instalasi Penerangan dan Kotak Kontak				
A	Ruang Umum/General				
1	Instalasi Penerangan	128.00	titik	165,000.00	Rp 21,120,000.00
2	Downlight 18 watt PLCE ex.Panasonic	84.00	bh	170,000.00	Rp 14,280,000.00
3	Exhaust FAN 75 watt tipe ceiling ex.panasonic	2.00	bh	700,000.00	Rp 1,400,000.00
4	Lampu RM (Recess Mounted) 2x36 watt inbow c/w cover acrylic	41.00	bh	650,000.00	Rp 26,650,000.00
5	Lampu RM (Recess Mounted) 2x18 watt inbow c/w cover acrylic	1.00	bh	550,000.00	Rp 550,000.00
6	Sakelar Ganda ex.clipsal	11.00	bh	55,000.00	Rp 605,000.00
7	Sakelar Tunggal ex.clipsal	3.00	bh	50,000.00	Rp 150,000.00
8	Sakelar Hotel garuda ex.clipsal	6.00	bh	60,000.00	Rp 360,000.00
9	Instalasi kotak dinding	25.00	titik	165,000.00	Rp 4,125,000.00
10	Outlet kotak kontak dinding Ex.Clipsal	25.00	bh	65,000.00	Rp 1,625,000.00

B	IRNA 1 & 2 (Tipikal) 2 unit				
1	Instalasi penerangan	12.00	titik	165,000.00	Rp 1,980,000.00
2	Downligt 18 watt PLCE ex. artolite	8.00	bh	170,000.00	Rp 1,360,000.00
3	Exhaust FAN 75 watt tipe ceiling ex.panasonic	4.00	bh	700,000.00	Rp 2,800,000.00
4	Instalasi kotak kontak dinding	10.00	titik	165,000.00	Rp 1,650,000.00
5	Outlet kotak kontak dinding Ex.Clipsal	10.00	bh	65,000.00	Rp 650,000.00
6	Instalasi power bed head	10.00	titik	155,000.00	Rp 1,550,000.00
7	Lampu bed head TL 2 x 18 watt sekalian bed hed	10.00	bh	560,000.00	Rp 5,600,000.00
8	Outlet kotak kontak bed head Ex.Clipsal	30.00	bh	55,000.00	Rp 1,650,000.00
9	Sakelar Ganda ex.clipsal	12.00	bh	55,000.00	Rp 660,000.00
10	Sakelar Tunggal ex.clipsal	4.00	bh	50,000.00	Rp 200,000.00
C	IRNA 3 s/d 7 (Tipikal) 5 unit				
1	Instalasi penerangan	25.00	titik	165,000.00	Rp 4,125,000.00
2	Downligt 18 watt PLCE ex. artolite	20.00	bh	170,000.00	Rp 3,400,000.00
3	Exhaust FAN 75 watt tipe ceiling ex.panasonic	5.00	bh	700,000.00	Rp 3,500,000.00
4	Instalasi kotak kontak dinding	20.00	titik	165,000.00	Rp 3,300,000.00
5	Outlet kotak kontak dinding Ex.Clipsal	20.00	bh	65,000.00	Rp 1,300,000.00
6	Instalasi power bed head	10.00	titik	155,000.00	
7	Lampu bed head TL 2 x 18 watt sekalian bed hed	10.00	bh	560,000.00	Rp 5,600,000.00
8	Outlet kotak kontak bed head Ex.Clipsal	30.00	bh	55,000.00	Rp 1,650,000.00
9	Sakelar Ganda ex.clipsal	15.00	bh	55,000.00	Rp 825,000.00
10	Sakelar Tunggal ex.clipsal	5.00	bh	50,000.00	Rp 250,000.00
D	Panel kabel feeder				
1	LP/Panel penerangan (SDP) lengkap dengan:				
	- Box uk.50x70x20 cm (tebal 2mm)	1.00	set	1,250,000.00	Rp 1,250,000.00
	- MCCB 80A/3P/30 ka	1.00	bh	1,150,000.00	Rp 1,150,000.00
	- MCB 16A/1P/6 ka	1.00	bh	215,000.00	Rp 215,000.00
	- Sekering 2 A	17.00	bh	50,000.00	Rp 850,000.00
	- Lampu tanda	3.00	bh	95,000.00	Rp 285,000.00
	- CU bar	3.00	bh	400,000.00	Rp 1,200,000.00
	- Instalasi grounding	1.00	bh	1,000,000.00	Rp 1,000,000.00
	- perlengkapan penunjang	1.00	ls	700,000.00	Rp 700,000.00
2	PP AC/ panel power AC lengkap dengan:				
	- Box uk.50x70x20 cm (tebal 2mm)	1.00	set	1,250,000.00	Rp 1,250,000.00
	- MCCB 80A/3P/30 ka	1.00	bh	1,150,000.00	Rp 1,150,000.00
	- MCB 16A/1P/6 ka	1.00	bh	215,000.00	Rp 215,000.00
	- Sekering 2 A	10.00	bh	50,000.00	Rp 500,000.00
	- Lampu tanda	3.00	bh	95,000.00	Rp 285,000.00
	- CU bar	3.00	bh	400,000.00	Rp 1,200,000.00
	- Instalasi grounding	1.00	bh	1,000,000.00	Rp 1,000,000.00
	- perlengkapan penunjang	1.00	ls	700,000.00	Rp 700,000.00
3	PP IRNA 1 & 2 (tipikal) lengkap dengan :				
	- Box switch isi 6 MCB	2.00	set	350,000.00	Rp 700,000.00
	- MCB 16A/1P/6 ka	1.00	bh	215,000.00	Rp 215,000.00
	- CU bar	6.00	bh	400,000.00	Rp 2,400,000.00
	- Instalasi grounding	1.00	bh	1,000,000.00	Rp 1,000,000.00
	- perlengkapan penunjang	1.00	ls	700,000.00	Rp 700,000.00
4	PP IRNA 3 & 7 (tipikal) lengkap dengan :				
	- Box switch isi 6 MCB	5.00	set	350,000.00	Rp 1,750,000.00
	- MCB 16A/1P/6 ka	1.00	bh	215,000.00	Rp 215,000.00
	- CU bar	6.00	bh	400,000.00	Rp 2,400,000.00
	- Instalasi grounding	1.00	bh	1,000,000.00	Rp 1,000,000.00
	- perlengkapan penunjang	1.00	ls	700,000.00	Rp 700,000.00
5	UPS 10 KVA 3 phase	2.00	set	35,000,000.00	Rp 70,000,000.00
6	Kabel feeder NYY 4x35 mm (LVMDP-LP/SDP) ex.supreme	75.00	m'	325,000.00	Rp 24,375,000.00
7	Kabel feeder NYY 4x35 mm (LVMDP-PP AC) ex.supreme	75.00	m'	325,000.00	Rp 24,375,000.00
8	Kabel feeder NYY 3x4 mm (LP-PP Irna 1 s/d 7) ex.supreme	343.00	m'	50,000.00	Rp 17,150,000.00
9	Kabel feeder NYY 4x10 mm (SDP-PP OK 1 s/d 4) ex.supreme	35.00	m'	225,000.00	Rp 7,875,000.00
E	Grounding Arus kuat				
1	Kabel BC 35mm (SDP-LP)	75.00	m'	120,000.00	Rp 9,000,000.00
2	Kabel BC 35mm (LP-PPAC)	10.00	m'	120,000.00	Rp 1,200,000.00
3	Kabel BC 35mm (LP-PP OK 1 s/d 4)	25.00	m'	120,000.00	Rp 3,000,000.00
	SUB TOTAL				Rp 293,920,000.00
X13	PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP				
A	Pipa tembaga + penahan pipa				
1	pipa cooper 10mm O2	232.00	m'	65,000.00	Rp 15,080,000.00
2	pipa cooper 15mm O2	42.00	m'	95,000.00	Rp 3,990,000.00
3	pipa cooper 20mm O2	35.00	m'	125,000.00	Rp 4,375,000.00
4	pipa cooper 10mm vacuum	232.00	m'	65,000.00	Rp 15,080,000.00
5	pipa cooper 15mm vacuum	42.00	m'	95,000.00	Rp 3,990,000.00
6	pipa cooper 20mm vacuum	35.00	m'	125,000.00	Rp 4,375,000.00
7	pipa cooper 10mm compressed air	37.00	m'	65,000.00	Rp 2,405,000.00
8	pipa cooper 15mm compressed air	35.00	m'	95,000.00	Rp 3,325,000.00
9	pipa cooper 10mm N2O	37.00	m'	65,000.00	Rp 2,405,000.00
10	pipa cooper 15mm N2O	35.00	m'	95,000.00	Rp 3,325,000.00
11	pipa cooper 20mm N2O	35.00	m'	125,000.00	Rp 4,375,000.00
B	PEKERJAAN INSTALASI BED HEAD				
1	Outlet gas medis oksigen	28.00	bh	950,000.00	Rp 26,600,000.00
2	Outlet gas medis vacuum	28.00	bh	750,000.00	Rp 21,000,000.00
3	Outlet gas medis compressed air	8.00	bh	750,000.00	Rp 6,000,000.00
4	Outlet gas medis N2O	8.00	bh	750,000.00	Rp 6,000,000.00
5	Zone Box valve 4 line	1.00	unit	12,500,000.00	Rp 12,500,000.00
6	Digital area alarm	1.00	unit	5,500,000.00	Rp 5,500,000.00
7	Fitting supporting	1.00	ls	4,000,000.00	Rp 4,000,000.00

SUB TOTAL				Rp 195,000,000.00
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RINCIAN NILAI VARIABEL (Y)

NO.	URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
1	2	3	4	5
Y	TOTAL NILAI PROYEK DALAM KONTRAK	Rp 2,596,369,091.45	Rp 195,000,000.00	Rp 2,791,369,091.45



RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP
 PROYEK : RUMAH SAKIT CAKRA HUSADA KLATEN
 TAHUN ANGGARAN : 2011

RINCIAN NILAI VARIABEL (X)

NO.	URAIAN PEKERJAAN	VOLUME	HARGA SATUAN	JUMLAH (Rp)
1	2	3	4	5
X1	PEKERJAAN PERSIAPAN			
1	Pekerjaan uitzet dan pasang bouwplank	1.00 ls	Rp 4,000,000.00	Rp 4,000,000.00
2	Kantor kerja dan ruang rapat lapangan	1.00 ls	Rp 9,000,000.00	Rp 9,000,000.00
3	Pembersihan dan pembuangan puing	1.00 ls	Rp 2,000,000.00	Rp 2,000,000.00
	SUB TOTAL			Rp 15,000,000.00
X2	PEKERJAAN TANAH			
1	Pekerjaan galian tanah untuk pondasi batu kali + foot plat	116.88 m ³	Rp 19,200.00	Rp 2,244,096.00
2	Urugan tanah mendatangkan	124.00 m ³	Rp 55,800.00	Rp 6,919,200.00
3	Urugan dan pemadatan kembali tanah bekas galian pondasi batu kali + foot plat	38.66 m ³	Rp 10,000.00	Rp 386,600.00
4	Urugan bawah pasir pondasi + foot plat	8.94 m ³	Rp 90,400.00	Rp 808,176.00
5	Urugan dan pemadatan pasir bawah lantai dasar / keramik	13.20 m ³	Rp 90,400.00	Rp 1,193,280.00
	SUB TOTAL			Rp 11,551,352.00
X3	PEKERJAAN PONDASI			
1	Pas. Pondasi batu kali 1Pc : 6 Ps	56.74 m ³	Rp 372,542.00	Rp 21,138,033.08
2	Footplate	15.62 m ³	Rp 3,182,400.00	Rp 49,696,358.40
	SUB TOTAL			Rp 70,834,391.48
X4	PEKERJAAN STRUKTUR			
A	LANTAI 1			
	Beton lantai kerja	3.20 m ³	Rp 37,500.00	Rp 120,000.00
	Sloof 20/30	9.84 m ³	Rp 2,931,400.00	Rp 28,844,976.00
	Beton kolom 30/40	14.21 m ³	Rp 2,859,175.00	Rp 40,623,158.40
	Kolom praktis 15/20	2.22 m ³	Rp 2,634,324.80	Rp 5,848,201.06
	Beton Balok latei atas kusen 15/20	1.92 m ³	Rp 3,182,400.00	Rp 6,110,208.00
	Beton Balok induk 25/50	25.00 m ³	Rp 3,636,453.50	Rp 90,911,337.50
	Beton Balok anak 15/30	3.51 m ³	Rp 3,636,453.50	Rp 12,763,951.79
	Pembuatan tangga	3.56 m ³	Rp 3,667,857.40	Rp 13,057,572.34
	Beton Plat Lantai tebal 10 cm	28.80 m ³	Rp 3,538,942.70	Rp 101,921,549.76
	Beton Konsul tebal 8 cm	2.74 m ³	Rp 3,538,942.70	Rp 9,710,858.77
B	LANTAI 2			
	Kolom Beton 30/40	9.12 m ³	Rp 2,859,175.00	Rp 26,075,676.00
	Kolom praktis 15/20	4.68 m ³	Rp 2,634,324.80	Rp 12,315,468.44
	Ring balk 15/20	5.76 m ³	Rp 3,182,400.00	Rp 18,330,624.00
	Balok latei atas kusen 15/20	4.05 m ³	Rp 3,182,400.00	Rp 12,888,720.00
	SUB TOTAL			Rp 309,791,813.61
X5	PEKERJAAN DINDING & PLESTERAN			
1	Sponengan/plesteran sudut	814.80 m'	Rp 6,000.00	Rp 4,888,800.00
2	Pasangan bata campuran 1:3:10	157.82 m2	Rp 76,400.00	Rp 12,057,448.00
3	Plesteran dinding camp. 1:5 + Acian	2,104.24 m2	Rp 28,335.00	Rp 59,623,640.40
4	Plesteran dinding finishing kolom + balok	791.60 m2	Rp 28,335.00	Rp 22,429,986.00
	SUB TOTAL			Rp 98,999,874.40
X6	PEKERJAAN PENGECATAN			
A	LANTAI 1			
1	Cat dinding Maxilite	1,182.60 m2	Rp 10,409.40	Rp 12,310,156.44
2	Cat plafond maxilite putih	280.00 m2	Rp 10,409.40	Rp 2,914,632.00
3	Cat Finishing pintu melamin kayu / pintu	53.00 m2	Rp 95,000.00	Rp 5,035,000.00
B	LANTAI 2			
1	Cat dinding Maxilite	1,106.04 m2	Rp 10,409.40	Rp 11,513,212.78
2	Cat plafond maxilite putih	384.00 m2	Rp 10,409.40	Rp 3,997,209.60
3	Finishing pintu	54.00 m2	Rp 95,000.00	Rp 5,130,000.00
4	Cat Plafond beton	328.00 m'	Rp 21,000.00	Rp 6,888,000.00
	SUB TOTAL			Rp 47,788,210.82
X7	PEKERJAAN PENUTUP LANTAI & DINDING			
A	LANTAI 1			
1	Keramik lantai 40x40 Arwana / setara	264.00 m2	Rp 75,648.75	Rp 19,971,270.00
2	Keramik lantai 20x20 KM/WC	98.00 m2	Rp 74,048.75	Rp 7,256,777.50
3	Plin keramik 10x20	152.00 m2	Rp 71,500.00	Rp 10,868,000.00
B	LANTAI 2			
1	Keramik lantai 40x40 Arwana / setara	288.00 m2	Rp 75,648.75	Rp 21,786,840.00
2	Keramik dinding 20x25 Arwan/setara	208.64 m2	Rp 76,045.75	Rp 15,866,185.28
3	Keramik lantai 20x20 KM/WC	24.00 m2	Rp 74,048.75	Rp 1,777,170.00
4	Plin keramik 10x20	152.00 m2	Rp 71,500.00	Rp 10,868,000.00
	SUB TOTAL			Rp 88,394,242.78

X8	PEKERJAAN PLAFOND & PARTISI				
A	LANTAI 1				
1	Rangka plafond hollow metal puring	280.00	m2	Rp	25,000.00
2	Plafond gypsum 9 mm	280.00	m2	Rp	51,365.00
3	Lis plafon	248.00	m'	Rp	19,850.00
B	LANTAI 2				
1	Rangka plafond hollow metal puring	384.00	m2	Rp	25,000.00
2	Plafond gypsum 9 mm	384.00	m2	Rp	51,365.00
3	Lis plafon	328.00	m'	Rp	19,850.00
	SUB TOTAL				Rp 62,139,960.00
X9	PEKERJAAN ATAP				
1	Pas.Genteng surya roof uk. 2 x 4	443.70	m2	Rp	80,000.00
2	Pas.Genteng nok metal	57.00	m2	Rp	56,900.00
3	Pas. Kuda-kuda smarttruss	443.70	m2	Rp	155,000.00
4	Pas. Lisplank (3/20)	88.00	m'	Rp	21,875.00
	SUB TOTAL				Rp 109,437,800.00
X10	PEKERJAAN PLUMBING & SANITAIR				
	LANTAI 1				
A	Pekerjaan Sanitair				
1	Pas. Kloset jongkok	3.00	set	Rp	316,500.00
2	Pas. Tempat sabun tanam	3.00	bh	Rp	19,500.00
3	Pas. Floor drain	3.00	bh	Rp	45,000.00
4	Pas. Kran air untuk bak mandi	3.00	bh	Rp	33,500.00
5	Pas. Wastafel "INA"	4.00	bh	Rp	255,000.00
B	Pekerjaan Plumbing				
1	Pipa air bersih 3/4"	69.60	m'	Rp	14,500.00
2	Pipa air bersih 1" Rucika AW	100.00	m'	Rp	17,000.00
3	Pipa air bekas 2"	50.40	m'	Rp	34,000.00
4	Pipa air hujan wavin 3"	21.60	m'	Rp	55,825.00
5	Pipa air wavin 4" unt. Tinja	14.40	m'	Rp	85,665.00
6	Pipa air wavin 6" ke IPAL	100.00	m'	Rp	128,290.00
7	Meja beton L 60 cm tebal 8 cm Laborat	0.48	m3	Rp	3,976,100.00
8	Septitank 4 x 2 x 1,5	1.00	bh	Rp	3,500,000.00
9	Spolhoeck	3.00	bh	Rp	1,500,000.00
10	Peresapan	1.00	bh	Rp	1,000,000.00
	LANTAI 2				
A	Pekerjaan Sanitair				
	Pas. Kloset duduk	8.00	set	Rp	1,000,000.00
	Pas. Kloset Jongkok	2.00	set	Rp	316,500.00
	Pas. Pegangan pipa stainlesssteel	10.00	set	Rp	75,000.00
	Pas. Tempat sabun tanam	10.00	bh	Rp	19,500.00
	Pas. Floor drain	10.00	bh	Rp	45,000.00
	Pas. Kran air untuk bak mandi	10.00	bh	Rp	33,500.00
	Pas. Wastafel "INA"	10.00	bh	Rp	255,000.00
	Pas. Shower	8.00	bh	Rp	150,000.00
B	Pekerjaan Plumbing				
	Pipa air bersih 3/4"	112.80	m'	Rp	14,500.00
	Pipa air bekas 2"	122.40	m'	Rp	34,000.00
	Pipa air wavin 4" unt. Tinja	122.40	m'	Rp	85,665.00
	SUB TOTAL				Rp 63,258,820.00
X11	PEKERJAAN SOUND SYSTEM & TELEPON				
A	INSTALASI TELEPON				
1	Instalasi telephone	7.00	titik	Rp	175,000.00
2	Outlet telephone dinding 1 pole ex.clipsal	5.00	bh	Rp	70,000.00
3	Outlet telephone lantai 1 pole ex.clipsal	2.00	bh	Rp	85,000.00
4	Telephone terminal box/TTB	1.00	unit	Rp	2,500,000.00
5	ITC 10 pairs (TTB-PABX)	65.00	m	Rp	55,000.00
B	INSTALASI SOUND SYSTEM				
1	Instalasi Ceiling Speaker	18.00	titik	Rp	175,000.00
2	Ceiling Speaker 6 W Ex.TOA	18.00	bh	Rp	500,000.00
3	Volume control Ex.TOA	8.00	bh	Rp	350,000.00
4	Mixer amplifire 60 watt	1.00	bh	Rp	3,750,000.00
5	Paging mix	1.00	bh	Rp	3,500,000.00
	SUB TOTAL				Rp 30,020,000.00
X12	PEKERJAAN ELEKTRIKAL				
A	LANTAI 1				
	Pekerjaan Listrik				
	Pas.Lampu down light 15 w	31.00	titik	Rp	100,000.00
	Pas. Lampu down piting 20 w	16.00	titik	Rp	120,000.00
	Stop kontak	8.00	titik	Rp	125,000.00
	Exhaust fan Maspion	2.00	bh	Rp	250,000.00
	Control panel	2.00	unit	Rp	1,500,000.00
	Saklar engkel	5.00	bh	Rp	350,000.00
	Saklar double	15.00	bh	Rp	19,000.00
	Instalasi penerangan, Exaust dan stop kontak & AC	79.00	titik	Rp	125,000.00
B	LANTAI 2				
	Pekerjaan Listrik				
	Lampu fitting 15 w	24.00	titik	Rp	100,000.00

	Lampu down piting 20 w	48.00	ttk	Rp	120,000.00	Rp	5,760,000.00
	Stop kontak	18.00	ttk	Rp	125,000.00	Rp	2,250,000.00
	Penangkal petir	2.00	Unit	Rp	4,000,000.00	Rp	8,000,000.00
	Exhaust fan Masplon	9.00	bh	Rp	350,000.00	Rp	3,150,000.00
	Saklar engkel	4.00	bh	Rp	350,000.00	Rp	1,400,000.00
	Saklar double	16.00	bh	Rp	19,000.00	Rp	304,000.00
	Instalasi penerangan, Exhaust dan stop kontak & AC	56.00	ttk	Rp	100,000.00	Rp	5,600,000.00
	SUB TOTAL					Rp	50,294,000.00
X13	PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP						
A	Pipa tembaga + penahan pipa						
1	pipa cooper 10mm O2	23.40	m'	Rp	55,000.00	Rp	1,287,000.00
2	pipa cooper 15mm O2	30.00	m'	Rp	75,000.00	Rp	2,250,000.00
3	pipa cooper 20mm O2	50.00	m'	Rp	100,000.00	Rp	5,000,000.00
4	pipa cooper 10mm vacuum	23.40	m'	Rp	55,000.00	Rp	1,287,000.00
5	pipa cooper 15mm vacuum	30.00	m'	Rp	75,000.00	Rp	2,250,000.00
6	pipa cooper 20mm vacuum	50.00	m'	Rp	115,000.00	Rp	5,750,000.00
7	pipa cooper 10mm compressed air	23.40	m'	Rp	65,000.00	Rp	1,521,000.00
8	pipa cooper 15mm compressed air	35.00	m'	Rp	85,000.00	Rp	2,975,000.00
9	pipa cooper 10mm N2O	23.40	m'	Rp	55,000.00	Rp	1,287,000.00
10	pipa cooper 15mm N2O	30.00	m'	Rp	75,000.00	Rp	2,250,000.00
11	pipa cooper 20mm N2O	50.00	m'	Rp	100,000.00	Rp	5,000,000.00
B	PEKERJAAN INSTALASI BED HEAD						
1	Outlet gas medis oksigen	26.00	bh	Rp	850,000.00	Rp	22,100,000.00
2	Outlet gas medis vacuum	26.00	bh	Rp	650,000.00	Rp	16,900,000.00
3	Outlet gas medis compressed air	8.00	bh	Rp	650,000.00	Rp	5,200,000.00
4	Outlet gas medis N2O	8.00	bh	Rp	650,000.00	Rp	5,200,000.00
5	Zone Box valve 4 line	1.00	unit	Rp	10,500.00	Rp	10,500.00
6	Digital area alarm	1.00	unit	Rp	3,500,000.00	Rp	3,500,000.00
7	Fitting supporting	1.00	ls	Rp	3,500,000.00	Rp	3,500,000.00
	SUB TOTAL					Rp	87,267,500.00

RINCIAN NILAI VARIABEL (Y)

NO.	URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
1	2	3	4	5
Y	TOTAL NILAI PROYEK DALAM KONTRAK	Rp 957,510,465.09	Rp 87,267,500.00	Rp 1,044,777,965.09

RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP & HEMODALISA
 PROYEK : RUMAH SAKIT BEDAH DIPONEGORO KLATEN
 TAHUN ANGGARAN : 2013

RINCIAN NILAI VARIABEL (X)

NO.	URAIAN PEKERJAAN	VOLUME	HARGA SATUAN	JUMLAH (Rp)
1	2	3	4	5
X1	PEKERJAAN PERSIAPAN			
1	Pek. Kantor Direksi	1.00 ls	Rp	5,000,000.00
2	Pek. Gudang Semen dan alat - alat kerja	1.00 ls	Rp	5,000,000.00
3	Pek. Pembersihan Lapangan	1.00 ls	Rp	2,500,000.00
5	Listrik & Air Kerja	6.00 bln	Rp	1,000,000.00
	SUB TOTAL			Rp 18,500,000.00
X2	PEKERJAAN TANAH			
1	Galian Tanah footplat	257.80 m3	Rp	59,928.00
2	Pek. Galian Pondasi Batu Kali	62.82 m3	Rp	44,946.00
3	Pek. Galian Septictank, Resapan, Bak Kontrol, Drainase	80.00 m3	Rp	59,928.00
5	Pek. Urugan Kembali Tanah Bekas Galian	219.58 m3	Rp	10,084.00
6	Pek. Urugan Tanah Meratakan Lahan / Mendatangkan	292.50 m3	Rp	81,662.00
7	Pek. Urugan Sirtu Padat Meninggikan Lantai Dasar Bangunan	240.00 m3	Rp	135,625.00
8	Pek. Urugan Pasir Bawah Pondasi 5cm	5.01 m3	Rp	80,718.00
	SUB TOTAL			Rp 82,121,963.02
X3	PEKERJAAN PONDASI			
1	Pas. Pondasi batu kali 1Pc : 5 Ps	42.51 m ³	Rp	447,056.00
2	Lantai Kerja footplat	16.88 m ³	Rp	567,440.00
3	Footplate	67.50 m ³	Rp	3,286,593.00
	SUB TOTAL			Rp 250,423,139.84
X4	PEKERJAAN STRUKTUR			
	LANTAI 1			
1	lantai kerja dasar sloof camp 1pc:3psr:5kr	8.18 m3	Rp	567,440.00
2	Urug pasir dasar sloof	8.18 m3	Rp	80,718.00
3	Rabat lantai cor beton K.175	105.28 m3	Rp	695,439.00
4	Beton Sloof 15x20cm mutu beton K250 Mpa	4.27 m3	Rp	3,017,711.00
5	Beton Sloof 25x40cm mutu beton K250 Mpa	65.40 m3	Rp	3,148,178.00
6	Beton Kolom K1 (40x40cm) mutu beton K250 Mpa	48.00 m3	Rp	3,953,139.00
8	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	2.28 m3	Rp	3,137,009.00
9	Beton balok latiu 12/12 cor k175	0.76 m3	Rp	5,126,293.00
10	Balok Bordes (30x40)	0.48 m3	Rp	3,367,080.00
11	Beton plat tangga t.12cm cor beton K250 Mpa	3.56 m3	Rp	3,577,745.00
	LANTAI 2			
1	Beton Kolom K2 (40x40cm) mutu beton K250 Mpa	54.91 m3	Rp	3,396,565.00
2	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	4.32 m3	Rp	3,137,009.00
4	Beton Balok B1 30/40cm mutu beton K250 Mpa	48.24 m3	Rp	3,354,642.00
5	Beton Balok B2 20/30cm mutu beton K250 Mpa	15.12 m3	Rp	3,900,230.00
6	Beton Balok B3 15/20cm mutu K250 Mpa	3.56 m3	Rp	4,042,767.00
7	Beton Balok latiu 12/12cm cor beton K.175 Mpa	2.79 m3	Rp	5,126,293.00
8	Beton plat lantai t.12cm cor beton K250 Mpa	161.28 m3	Rp	2,893,297.00
9	Beton Balok BK 15/25 cm mutu K175 Mpa	1.238 m3	Rp	3,536,700.00
10	Beton Balok lkat 15/20 cm mutu K175 Mpa	9.540 m3	Rp	4,042,767.00
11	Beton plat atap t.10cm cor beton K250 Mpa	29.100 m3	Rp	3,198,614.00
12	Beton plat listplank cor beton K250 Mpa	12.800 m3	Rp	3,119,974.00
13	Beton Ring Balok RB1 25/40cm mutu K250 Mpa	11.800 m3	Rp	3,435,008.00
	SUB TOTAL			Rp 1,645,142,188.87
X5	PEKERJAAN DINDING & PLESTERAN			
1	Pek. Dinding Bata 1pc : 5 ps	2,256.00 m2	Rp	81,745.00
2	Pek. Plesteran Dinding Bata	4,512.00 m2	Rp	31,004.00
3	Pek. Acian Dinding & Kolom	4,527.00 m2	Rp	19,022.00
4	Pek. Pasangan Dinding Rooster GRC Prefab	198.00 m2	Rp	350,000.00
	SUB TOTAL			Rp 479,719,362.00
X6	PEKERJAAN PENGECATAN			
1	Pek. Pengecatan Dinding Exterior ex Dulux Waethershield /setara	1,800.00 m2	Rp	25,475.00
2	Pek. Pengecatan Dinding Interior ex Danacryl / Setara	3,776.00 m2	Rp	19,535.00
3	Pek. Pengecatan plafond ex Cathylac / setara	2,888.00 m2	Rp	21,515.00
4	Pek. Lisplang Woodplank ex Dulux V Gloss/ setara	188.00 m2	Rp	39,371.00
5	Pek. Pengecatan Duco Daun Pintu ex Alfagloss, Clear ex Nipe	48.80 m2	Rp	48,250.00
6	Pek. Waterproofing Coating ex Aquaproof / Setara	291.00 m2	Rp	72,094.00
	SUB TOTAL			Rp 212,490,182.00
X7	PEKERJAAN PENUTUP LANTAI & DINDING			
1	Pek. Lantai Keramik 40x40 ex Mullia / Setara	2,475.70 m2	Rp	112,517.00
2	Pek. Lantai Keramik K.Mandi 25X25 Mullia / Setara	176.30 m2	Rp	108,124.00
3	Pek. Dinding Keramik K.Mandi T. 1.60 : 25X40 Mullia / Setara	193.28 m2	Rp	138,619.00
4	Pek. Plin Keramik 10 x 40 ex Mullia / Setara	490.20 ml	Rp	54,731.50
5	Pek. List Keramik 8 x 25 ex KIA	120.80 ml	Rp	58,633.00
6	Pek. Ornamen Keramik 40 x40 ex Mullia / Setara	3.00 unit	Rp	350,000.00
7	Pek. Stepnose Tangga 10x 30 ex KIA	264.00 bh	Rp	61,209.00
	SUB TOTAL			Rp 375,534,302.12
X8	PEKERJAAN PLAFOND & PARTISI			
1	Pek. Plafond Gypsum 9mm+rangka hollow zinkalume (ex elephant / setara)	2,888.00 m2	Rp	123,550.00
2	Pek. List Plafond Sudut Gypsum C7 ex Elephant / Setara	6,854.80 ml	Rp	21,175.00
3	Pek. List Plafond Datar / Biding Gypsum ex Elephant / Setara	4,066.10 ml	Rp	21,175.00
4	Pek. Partisi Gypsum 2x9mm rangka besi hollow / metalstud	111.75 m2	Rp	200,000.00

		SUB TOTAL					Rp	610,412,457.50
X9	PEKERJAAN ATAP							
1	Pek. Kuda-kuda Rangka Atap Baja Ringan ex Sakti Truss / setara	1,680.00	m2	Rp	126,000.00	Rp	211,680,000.00	
2	Pas. Genteng Metal Tekstur Zincalume ex Suryaroom / setara	1,680.00	m2	Rp	115,000.00	Rp	193,200,000.00	
3	Pek. Bubungan / Karpus Genteng Metal Zincalume Suryaroom/ setara	126.00	ml	Rp	55,000.00	Rp	6,930,000.00	
4	Pek. Listplank 2/20 x 400 ex Kalsiwood Plank/ setara	202.00	ml	Rp	35,000.00	Rp	7,070,000.00	
	SUB TOTAL					Rp	418,880,000.00	
X10	PEKERJAAN PLUMBING & SANITAIR							
A	KM/WC VIP :							
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	6.00	unit	Rp	2,277,575.00	Rp	13,665,450.00	
2	Pek. Jet / Wash Shower ex Dupon	6.00	set	Rp	225,000.00	Rp	1,350,000.00	
3	Pas. Kran Air Panas Dingin + Hand Shower	6.00	set	Rp	450,000.00	Rp	2,700,000.00	
4	Pek. Soap Dish Tanam ex Lokal	6.00	bh	Rp	35,000.00	Rp	210,000.00	
5	Pas. Kursi Lipat Paslen	6.00	bh	Rp	550,000.00	Rp	3,300,000.00	
6	Pas. Towel Bar	6.00	bh	Rp	400,000.00	Rp	2,400,000.00	
7	Pek. Hand Rail	6.00	bh	Rp	300,000.00	Rp	1,800,000.00	
8	Pek. Washtafel ex Toto L34W/F (terpasang)	6.00	unit	Rp	512,666.00	Rp	3,075,996.00	
9	Pek Floor Drain	6.00	bh	Rp	55,440.00	Rp	332,640.00	
B	KM/WC Kelas - 1 :							
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	10.00	unit	Rp	2,277,575.00	Rp	22,775,750.00	
2	Pek. Jet / Wash Shower ex Dupon	10.00	set	Rp	225,000.00	Rp	2,250,000.00	
3	Pas. Kran Bak Mandi	10.00	bh	Rp	55,522.00	Rp	555,220.00	
4	Pek. Soap Dish Tanam ex Lokal	10.00	bh	Rp	35,000.00	Rp	350,000.00	
5	Pas. Towel Bar	10.00	bh	Rp	400,000.00	Rp	4,000,000.00	
6	Pek. Hand Rail	10.00	bh	Rp	300,000.00	Rp	3,000,000.00	
7	Pek Floor Drain	10.00	bh	Rp	55,440.00	Rp	554,400.00	
C	KM/WC HEMODALISA:							
1	Pek. Monoblok ex INA T-12 Warna (terpasang)	4.00	unit	Rp	2,150,000.00	Rp	8,600,000.00	
2	Pek. Jet / Wash Shower ex Dupon	4.00	set	Rp	225,000.00	Rp	900,000.00	
3	Pas. Kran Bak Mandi	4.00	bh	Rp	55,522.00	Rp	222,088.00	
4	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	35,000.00	Rp	140,000.00	
5	Pek. Hand Rail	4.00	bh	Rp	300,000.00	Rp	1,200,000.00	
6	Pek Floor Drain	10.00	bh	Rp	55,440.00	Rp	554,400.00	
8	Pek. Washtafel ex Toto L34W/F (terpasang)	6.00	unit	Rp	512,666.00	Rp	3,075,996.00	
D	KM/WC Umum :							
1	Pek. Closet Jongkok ex INA (terpasang)	4.00	unit	Rp	410,000.00	Rp	1,640,000.00	
2	Pas. Kran Bak Mandi	4.00	bh	Rp	55,522.00	Rp	222,088.00	
3	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	35,000.00			
4	Pek Floor Drain	4.00	bh	Rp	55,440.00	Rp	221,760.00	
E	Spoelhoek :							
1	Pek. Bak Cuci Stainlesssteel 2 Bak	2.00	unit	Rp	750,000.00	Rp	1,500,000.00	
2	Pas. Kran Zink	2.00	bh	Rp	55,522.00	Rp	111,044.00	
3	Pas. Floor Drain	2.00	bh	Rp	55,440.00	Rp	110,880.00	
F	PEKERJAAN PLUMBING & DRAINASE							
1	Pas. Pipa PVC AW 1/2" ex Wavin (air bersih ke kran)	30.00	ml	Rp	12,000.00	Rp	360,000.00	
2	Pas. Pipa PVC AW 3/4" ex Wavin (air bersih ke & dari water tower)	50.00	ml	Rp	13,444.00	Rp	672,200.00	
3	Pas. Pipa PVC AW 1" ex Wavin (distribusi induk air bersih)	75.00	ml	Rp	16,641.00	Rp	1,248,075.00	
4	Pas. Pipa PVC AW 3" ex Wavin (outlet air kotor floordrain)	100.00	ml	Rp	55,828.00	Rp	5,582,800.00	
5	Pas. Pipa PVC AW 4" ex Wavin (outlet dari WC ke Septictank)	100.00	ml	Rp	85,665.00	Rp	8,566,500.00	
6	Pas Pipa PVC AW ex Wavin 6" (air kotor ke Ipal & ST)	100.00	ml	Rp	128,290.00	Rp	12,829,000.00	
7	Pas. Bak Kontrol	6.00	bh	Rp	525,533.00	Rp	3,153,198.00	
8	Pas. Buis Beton Saluran Air	148.00	ml	Rp	57,975.00	Rp	8,580,300.00	
9	Pas. Septictank & Resapan	3.00	bh	Rp	1,500,000.00	Rp	4,500,000.00	
11	Pas. Housetank Stainlesssteel 2x1500l	2.00	bh	Rp	4,000,000.00	Rp	8,000,000.00	
	SUB TOTAL					Rp	134,309,785.00	
X11	PEKERJAAN SOUND SYSTEM & TELEPON							
A	INSTALASI TELEPON							
	Lantai 1							
1	Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	8	titik	Rp	300,000.00	Rp	2,400,000.00	
2	Outlet Telephone Broco + Inbow	8	buah	Rp	100,000.00	Rp	800,000.00	
3	Handset SLT	8	unit	Rp	150,000.00	Rp	1,200,000.00	
4	Box TTB-11 Uk. (20 x 30 x 40) cm	1	unit	Rp	500,000.00	Rp	500,000.00	
	Lantai 2							
1	Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	2	titik	Rp	300,000.00	Rp	600,000.00	
2	Outlet Telephone Broco + Inbow	2	buah	Rp	100,000.00	Rp	200,000.00	
3	Handset SLT	1	unit	Rp	150,000.00	Rp	150,000.00	
B	INSTALASI SOUNDSYSTEM							
	LANTAI 1							
1	Peralatan Utama set soundsystem terdiri dari: Power Amplifier, Speaker selektor, Paging Microphone + Chome Rackmount	1	set	Rp	20,000,000.00	Rp	20,000,000.00	
2	Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	15	titik	Rp	400,000.00	Rp	6,000,000.00	
3	Ceiling spekaer	15	buah	Rp	85,000.00	Rp	1,275,000.00	
4	Attenuator	3	buah	Rp	135,000.00	Rp	405,000.00	
5	Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	3	titik	Rp	250,000.00	Rp	750,000.00	
6	Junction Box	1	box	Rp	350,000.00	Rp	350,000.00	
	LANTAI 2							
1	Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	24	titik	Rp	400,000.00	Rp	9,600,000.00	
2	Ceiling spekaer	24	buah	Rp	85,000.00	Rp	2,040,000.00	
3	Attenuator	18	buah	Rp	135,000.00	Rp	2,430,000.00	
4	Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	18	titik	Rp	250,000.00	Rp	4,500,000.00	
5	Junction Box	1	box	Rp	350,000.00	Rp	350,000.00	
C	INSTALASI NURSCALL (COMAX)							
1	Master Control Nurse Call System untuk 36 + 12 Station	2	unit	Rp	3,500,000.00	Rp	7,000,000.00	
2	Corridor Lamp 4 warna	16	Buah	Rp	330,000.00	Rp	5,280,000.00	
3	Jack Plate	16	Unit	Rp	440,000.00	Rp	7,040,000.00	
4	Bed Side Call Button	16	Unit	Rp	310,000.00	Rp	4,960,000.00	
5	Lavatory Call Batton	16	unit	Rp	370,000.00	Rp	5,920,000.00	
6	Toilet Call Button	16	unit	Rp	370,000.00	Rp	5,920,000.00	
7	Instalasi titik NC dengan ITC 2x2x0,6 mm2	48	titik	Rp	190,000.00	Rp	9,120,000.00	
8	Alat Bantu	1	Lot	Rp	250,000.00	Rp	250,000.00	
D	INSTALASI GCTV							

1	Dome Camera Standart CCTV Analog Avtek IR	4	unit	Rp	600,000.00	Rp	2,400,000.00
2	DVR 4 Channel + Hd	1	unit	Rp	2,500,000.00	Rp	2,500,000.00
3	Monitor LCD 19"	1	unit	Rp	1,200,000.00	Rp	1,200,000.00
4	Instalasi dengan kabel Coaxial	2	titik	Rp	210,000.00	Rp	420,000.00
	SUB TOTAL					Rp	105,560,000.00
X12	PEKERJAAN ELEKTRIKAL						
A	PEKERJAAN PANEL DAYA						
1	Instalasi Kabel Power (Dari MDP ke SDP Tiap Ruangan) NYY3X6mm2	120.00	m'	Rp	45,000.00	Rp	5,400,000.00
2	Pas. MDP Box Panel , uk: 40x60x20 + Busbar / Komplit	4.00	bh	Rp	1,000,000.00	Rp	4,000,000.00
3	Pas. Voltmeter ex Eco	4.00	bh	Rp	250,000.00	Rp	1,000,000.00
4	Pas. Lampu Indikator RST + Fuse 2A ex	6.00	bh	Rp	166,313.00	Rp	997,878.00
5	Pas. MCB 16A 1phase ex Broco	25.00	bh	Rp	111,313.00	Rp	2,782,825.00
6	Pas. MCB 10A 1 phase ex Broco	39.00	bh	Rp	65,000.00	Rp	2,535,000.00
7	Pas. NFB 3x35A ex Merlin gerlin	2.00	bh	Rp	250,000.00	Rp	500,000.00
8	Pas. NFB 3x20A ex Merlin gerlin	2.00	bh	Rp	235,000.00	Rp	470,000.00
9	Pas. Grounding BC 35 mm2 ex Tembaga	88.40	m'	Rp	50,000.00	Rp	4,420,000.00
10	Pas. Grounding BC 16 mm2 ex Tembaga	15.00	m'	Rp	35,000.00	Rp	525,000.00
11	Pas. Kabel Tray 300x100 untuk Listrik ex	132.00	m'	Rp	65,000.00	Rp	8,580,000.00
B	PEKERJAAN PENERANGAN & STOP KONTAK						
	Umum						
1	Instalasi Lampu / Penerangan NYM 3 x 1.5 mm2 ex Extrana	382.00	ttk	Rp	125,000.00	Rp	47,750,000.00
2	Instalasi Stop Kontak NYM 3 x 2.5 mm2 ex Extrana	131.00	ttk	Rp	125,000.00	Rp	16,375,000.00
3	Instalasi AC NYM 3 x 2.5 mm2 ex Extrana	20.00	ttk	Rp	140,000.00	Rp	2,800,000.00
4	Instalasi Lampu Taman 3 x 2.5 mm2 ex Extrana	8.00	ttk	Rp	450,000.00	Rp	3,600,000.00
5	Instalasi Exhaust Fan NYM 2 x 2.5 mm2 ex Extrana	25.00	ttk	Rp	100,000.00	Rp	2,500,000.00
6	Pas. Lampu TL RM 2x18watt Glossy ex Saka	82.00	bh	Rp	200,000.00	Rp	16,400,000.00
7	Pas. Lampu Downlight 3" + PL Ess. Phillips 11 watt ex Hinode	18.00	bh	Rp	100,000.00	Rp	1,800,000.00
8	Pas. Lampu Downlight 3" + PL Ess. Phillips 10 watt ex Hinode	47.00	bh	Rp	100,000.00	Rp	4,700,000.00
9	Pas. Lampu Downlight 4" + PL Ess. Phillips 18 watt ex Hinode	150.00	bh	Rp	100,000.00	Rp	15,000,000.00
10	Pas. Lampu Baca ex	16.00	bh	Rp	250,000.00	Rp	4,000,000.00
11	Pas. Lampu Taman + Cagak Besi (jadi) ex Lumina	8.00	bh	Rp	450,000.00	Rp	3,600,000.00
12	Pas. Stop Kontak ex Panasonic WESJP1121W	131.00	bh	Rp	20,000.00	Rp	2,620,000.00
13	Pas. Saklar Tunggal ex Panasonic WESJ5941+WESJ78029W	55.00	bh	Rp	17,000.00	Rp	935,000.00
14	Pas. Saklar Ganda ex Panasonic WESJ5931+WESJ7802	69.00	bh	Rp	19,000.00	Rp	1,311,000.00
15	Pas. Exhaust Fan ex KDK RQN5-30	25.00	bh	Rp	250,000.00	Rp	6,250,000.00
16	Pas. AC 1 PK ex Panasonic	8.00	bh	Rp	3,000,000.00	Rp	24,000,000.00
17	Pas. AC 3/4 PK ex Panasonic	12.00	bh	Rp	2,500,000.00	Rp	30,000,000.00
18	Instalasi UPS Hemodialisa	1.00	ttk	Rp	75,000.00	Rp	75,000.00
C	PEKERJAAN POMPA AIR						
1	Pas. Pompa Dorong Housetank ke Ruangan ex Shimizu	1.00	set	Rp	2,500,000.00	Rp	2,500,000.00
2	Pas. Pompa dDorong Grountank ke Houstank	1.00	set	Rp	2,500,000.00	Rp	2,500,000.00
3	Pas. Radar Water Torn (dari groundtank ke watertorn) ex Radar RD99	1.00	set	Rp	85,000.00	Rp	85,000.00
D	PEKERJAAN PENANGKAL PETIR (terpasang)	1.00	set	Rp	20,000,000.00	Rp	20,000,000.00
E	PEKERJAAN SOLAR WATER HEATER						
1	a. Instalasi Pipa Air Panas (Wavin Tigris + Fiting) 3/4" dan 1/2"	100.00	m"	Rp	75,000.00	Rp	7,500,000.00
2	b. Instalasi Pipa Air Dingin + Fiting 3/4"	100.00	m"	Rp	30,000.00	Rp	3,000,000.00
3	c. Stop Kran Air Panas ex Onda	2.00	bh	Rp	50,000.00	Rp	100,000.00
4	d. Material Bantu (dudukan SWH, mekanik, dll)	1.00	ls	Rp	700,000.00	Rp	700,000.00
5	e. Solar Water Heater ex Wika Type 300LXC 300 liter	2.00	unit	Rp	20,000,000.00	Rp	40,000,000.00
	SUB TOTAL					Rp	291,311,703.00
X13	PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP						
	LANTAI 1						
A	INSTALASI PEMIPAAN HEMODIALISA						
1	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	120.00	m'	Rp	210,000.00	Rp	25,200,000.00
2	Cooper tube 5/8" ASTM B 819 Type L UNIPRO	95.00	m'	Rp	140,000.00	Rp	13,300,000.00
3	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	120.00	m'	Rp	100,000.00	Rp	12,000,000.00
4	Fiting	1.00	ls	Rp	3,500,000.00	Rp	3,500,000.00
	LANTAI 2						
	RAWAT INAP						
	INSTALASI PEMIPAAN O2						
1	Cooper tube 1.1/8" ASTM B 819 Type L UNIPRO	120.00	m'	Rp	210,000.00	Rp	25,200,000.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	98.00	m'	Rp	160,000.00	Rp	15,680,000.00
3	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	65.00	m'	Rp	140,000.00	Rp	9,100,000.00
4	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	120.00	m'	Rp	100,000.00	Rp	12,000,000.00
5	Fiting	1.00	ls	Rp	3,600,000.00	Rp	3,600,000.00
	INSTALASI PEMIPAAN VACUM						
1	Cooper tube 1.1/8" ASTM B 819 Type L UNIPRO	120.00	m'	Rp	245,000.00	Rp	29,400,000.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	98.00	m'	Rp	160,000.00	Rp	15,680,000.00
4	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	125.00	m'	Rp	140,000.00	Rp	17,500,000.00
5	Fiting	1.00	ls	Rp	3,300,000.00	Rp	3,300,000.00
B	PEKERJAAN INSTALASI BED HEAD						
	LANTAI 1						
	RUANG HEMODIALISA						
1	Outlet Oksigen GENTEC	15.00	bh	Rp	1,150,000.00	Rp	17,250,000.00
	BED HEAD ALUMINIUM 1,2 M	15.00	bh	Rp	1,500,000.00	Rp	22,500,000.00
	ZONE VALVE DAN ALARM SYSTEM						
1	Zone Valve Type 2 Gas	1.00	Unit	Rp	4,600,000.00	Rp	4,600,000.00
2	Alarm System 2 Gas	1.00	Unit	Rp	4,600,000.00	Rp	4,600,000.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	ls	Rp	4,500,000.00	Rp	4,500,000.00
	LANTAI 2						
	RUANG VIP						
1	Outlet Oksigen GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00
2	Outlet Vacum GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00
	RUANG KELAS 1						
1	Outlet Oksigen GENTEC	10.00	bh	Rp	1,150,000.00	Rp	11,500,000.00
2	Outlet Vacum GENTEC	10.00	bh	Rp	1,150,000.00	Rp	11,500,000.00

	ZONE VALVE DAN ALARM SYSTEM				
1	Zone Valve Type 2 Gas	1.00	Unit	Rp 5,500,000.00	Rp 5,500,000.00
2	Alarm System 2 Gas	1.00	Unit	Rp 5,500,000.00	Rp 5,500,000.00
	BED HEAD ALUMINIUM 1,2 M	16.00	bh	Rp 1,500,000.00	Rp 24,000,000.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMMISSIONING	1.00	ls	Rp 5,500,000.00	Rp 5,500,000.00
	SUB TOTAL				Rp 385,000,000.00

RINCIAN NILAI VARIABEL (Y)

NO.	URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
1	2	3	4	5
Y	TOTAL NILAI PROYEK DALAM KONTRAK	Rp 4,624,405,083.35	Rp 385,000,000.00	Rp 5,009,405,083.35



RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP VVIV, KELAS 1, & KELAS 2
PROYEK : RUMAH SAKIT AISISYAH KLATEN
TAHUN ANGGARAN : 2013

RINCIAN NILAI VARIABEL (X)

NO.	URAIAN PEKERJAAN	VOLUME	HARGA SATUAN	JUMLAH (Rp)
1	2	3	4	5
X1	PEKERJAAN PERSIAPAN			
1	Pek. Kantor Direksi	1.00	Is	Rp 2,250,000.00
2	Pek. Gudang Semen dan alat - alat kerja	1.00	Is	Rp 1,350,000.00
3	Pek. Pembersihan Lapangan	1.00	Is	Rp 2,500,000.00
5	Listrik & Air Kerja	6.00	bln	Rp 400,000.00
	SUB TOTAL			Rp 8,500,000.00
X2	PEKERJAAN TANAH			
1	Galian Tanah footplat	454.78	m ³	Rp 35,375.00
2	Galian tanah pondasi	17.19	m ³	Rp 47,080.00
3	Urugan tanah kembali	227.39	m ³	Rp 11,791.67
4	Urug pasir bawah pondasi	4.93	m ³	Rp 108,875.00
5	Urug pasir bawah Sloof	5.53	m ³	Rp 108,875.00
6	Tanah Urugan mendatangkan	225.11	m ³	Rp 72,875.00
7	Pek. Galian Septictank, Resapan, Groundtank, Bak Kontrol, Drainase	112.75	m ³	Rp 51,605.00
8	Pek. Urugan Sirtu Padat Meninggikan Lantai Dasar Bangunan	175.00	m ³	Rp 126,875.00
	SUB TOTAL			Rp 65,143,646.00
X3	PEKERJAAN PONDASI			
1	Pas. Pondasi batu kali 1Pc : 5 Ps	30.09	m ³	Rp 420,800.00
2	Lantai Kerja footplat	12.38	m ³	Rp 539,940.00
3	Footplate	49.50	m ³	Rp 3,642,719.19
	SUB TOTAL			Rp 199,656,125.41
X4	PEKERJAAN STRUKTUR			
	LANTAI 1			
1	lantai kerja dasar sloof camp 1pc:3psr:5kr	5.53	m ³	Rp 539,940.40
2	Urug pasir dasar sloof	5.53	m ³	Rp 108,875.00
3	Rabat lantai cor beton K.175	67.38	m ³	Rp 539,940.40
4	Beton Sloof 15x20cm mutu beton K250 Mpa	2.87	m ³	Rp 2,381,924.92
5	Beton Sloof 25x40cm mutu beton K250 Mpa	44.25	m ³	Rp 2,595,481.42
6	Beton Kolom K1 (40x40cm) mutu beton K250 Mpa	35.20	m ³	Rp 4,160,878.22
7	Beton Kolom K2 (20x40cm) mutu beton K250 Mpa	3.20	m ³	Rp 4,030,917.00
8	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	2.59	m ³	Rp 2,947,996.04
9	Beton balok latiu 12/12 cor k175	0.76	m ³	Rp 2,947,996.04
10	Balok Bordes (30x40)	0.48	m ³	Rp 2,728,985.48
11	Beton plat tangga t.12cm cor beton K250 Mpa	3.56	m ³	Rp 2,216,612.78
	LANTAI 2			
1	Beton Kolom K1 (40x40cm) mutu beton K250 Mpa	29.06	m ³	Rp 4,160,878.22
1	Beton Kolom K2 (40x40cm) mutu beton K250 Mpa	4.32	m ³	Rp 4,030,917.69
2	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	2.59	m ³	Rp 2,947,996.04
4	Beton Balok B1 25/45cm mutu beton K250 Mpa	32.06	m ³	Rp 3,186,011.17
5	Beton Balok B2 25/40cm mutu beton K250 Mpa	15.75	m ³	Rp 3,186,011.17
6	Beton Balok B3 15/20cm mutu K250 Mpa	4.29	m ³	Rp 3,320,758.34
7	Beton Balok latiu 12/12cm cor beton K.175 Mpa	2.79	m ³	Rp 2,947,996.04
8	Beton plat lantai t.12cm cor beton K250 Mpa	92.70	m ³	Rp 2,338,999.93
9	Beton Balok BK 15/25 cm mutu K175 Mpa	2.160	m ³	Rp 3,871,695.19
10	Beton Balok lkat 15/20 cm mutu K175 Mpa	13.275	m ³	Rp 3,150,056.73
11	Beton plat atap t.10cm cor beton K250 Mpa	15.900	m ³	Rp 2,338,999.93
12	Beton plat listplank cor beton K250 Mpa	10.176	m ³	Rp 2,668,835.56
13	Beton Ring Balok RB1 15/25cm mutu K250 Mpa	5.063	m ³	Rp 3,150,056.73
	SUB TOTAL			Rp 1,008,132,842.36
X5	PEKERJAAN DINDING & PLESTERAN			
1	Pek. Dinding Bata 1pc : 5 ps	2,277.00	m ²	Rp 68,750.00
2	Pek. Plesteran Dinding Bata	4,554.00	m ²	Rp 43,320.00
3	Pek. Acian Dinding & Kolom	4,569.00	m ²	Rp 19,312.50
4	Pek. Dinding Glassblock	80.00	bh	Rp 24,000.00
	SUB TOTAL			Rp 443,981,842.50
X6	PEKERJAAN PENGECATAN			
1	Pek. Pengecatan Dinding Exterior ex Dulux Waethershield /setara	1,080.00	m ²	Rp 39,177.50
2	Pek. Pengecatan Dinding Interior ex Danacryl / Setara	3,489.00	m ²	Rp 26,637.50
3	Pek. Pengecatan plafond ex Cathylac / setara	1,750.00	m ²	Rp 12,777.50
4	Pek. Lisplang Woodplank ex Dulux V Gloss/ setara	29.60	m ²	Rp 23,145.50
6	Pek. Waterproofing Coating ex Aquaproof / Setara	159.00	m ²	Rp 52,800.00
	SUB TOTAL			Rp 166,690,869.30
X7	PEKERJAAN PENUTUP LANTAI & DINDING			
1	Pek. Lantai Keramik 40x40 ex Mulia / Setara	1,666.50	m ²	Rp 123,575.00
2	Pek. Lantai Keramik K.Mandi 25X25 Mulia / Setara	83.50	m ²	Rp 137,195.00

3	Pek. Dinding Keramik K.Mandi T. 1,60 : 25X40 Mulia / Setara	285.60	m2	Rp	144,435.00	Rp	41,250,636.00
4	Pek. Plin Keramik 10 x 40 ex Mulia / Setara	556.70	ml	Rp	23,595.00	Rp	13,135,336.50
5	Pek. List Keramik 8 x 25 ex KIA	125.50	ml	Rp	61,095.00	Rp	7,667,422.50
6	Pek. Ornamen Keramik 40 x40 ex Mulia / Setara	6.00	unit	Rp	1,964,000.00	Rp	11,784,000.00
7	Pek. Stegnose Tangga 10x 30 ex KIA	174.00	bh	Rp	15,000.00	Rp	2,610,000.00
	SUB TOTAL					Rp	293,840,915.00
X8	PEKERJAAN PLAFOND & PARTISI						
1	Pek. Plafond Gypsum 9mm+rangka hollow zinkalume (ex elephant / setara)	1,750.00	m2	Rp	79,640.00	Rp	139,370,000.00
2	Pek. List Plafond Sudut Gypsum C7 ex Elephant / Setara	6,125.00	ml	Rp	14,850.00	Rp	90,956,250.00
3	Pek. List Plafond Datar / Biding Gypsum ex Elephant / Setara	3,982.00	ml	Rp	14,850.00	Rp	59,132,700.00
4	Pek. Partisi Gypsum 2x9mm rangka besi hollow / metalstud	100.00	m2	Rp	162,000.00	Rp	16,200,000.00
	SUB TOTAL					Rp	305,658,950.00
X9	PEKERJAAN ATAP						
1	Pek. Kuda-kuda Rangka Atap Baja Ringan ex Sakti Truss / setara	1,093.75	m2	Rp	145,000.00	Rp	158,593,750.00
2	Pas. Genteng Metal Tekstur Zinkalume ex Suryarood / setara	1,093.75	m2	Rp	121,875.00	Rp	133,300,781.25
3	Pek. Bubungan / Karpus Genteng Metal Zinkalume Suryarood / setara	90.00	ml	Rp	50,930.00	Rp	4,583,700.00
4	Pek. Listplank 2/20 x 400 ex Kalsiwood Plank/ setara	147.00	ml	Rp	35,975.00	Rp	5,288,325.00
	SUB TOTAL					Rp	301,766,556.25
X10	PEKERJAAN PLUMBING & SANITAIR						
A	KM/WC VVIP :						
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	4.00	unit	Rp	2,827,000.00	Rp	11,308,000.00
2	Pek. Jet / Wash Shower ex Dupon	4.00	set	Rp	121,000.00	Rp	484,000.00
3	Pek. Kran Bak Mandi ex Onda	4.00	bh	Rp	33,000.00	Rp	132,000.00
4	Pas. Kran Air Panas Dingin + Hand Shower	4.00	set	Rp	550,000.00	Rp	2,200,000.00
5	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	33,000.00	Rp	132,000.00
6	Pas. Kursi Lipat Pasien	4.00	bh	Rp	600,000.00	Rp	2,400,000.00
7	Pas. Towel Bar	4.00	bh	Rp	450,000.00	Rp	1,800,000.00
8	Pek. Hand Rail	4.00	bh	Rp	185,000.00	Rp	740,000.00
9	Pek. Washtafel ex Toto L34W/F (terpasang)	4.00	unit	Rp	1,157,200.00	Rp	4,628,800.00
10	Pek Floor Drain	4.00	bh	Rp	88,000.00	Rp	352,000.00
B	KM/WC Kelas - 1 :						
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	14.00	unit	Rp	2,827,000.00	Rp	39,578,000.00
2	Pek. Jet / Wash Shower ex Dupon	14.00	set	Rp	121,000.00	Rp	1,694,000.00
3	Pas. Kran Bak Mandi	14.00	bh	Rp	33,000.00	Rp	462,000.00
4	Pek. Soap Dish Tanam ex Lokal	14.00	bh	Rp	33,000.00	Rp	462,000.00
5	Pas. Towel Bar	14.00	bh	Rp	450,000.00	Rp	6,300,000.00
6	Pek. Hand Rail	14.00	bh	Rp	185,000.00	Rp	2,590,000.00
7	Pek Floor Drain	14.00	bh	Rp	88,000.00	Rp	1,232,000.00
8	Pek. Washtafel ex Toto L34W/F (terpasang)	4.00	unit	Rp	1,157,200.00	Rp	4,628,800.00
D	KM/WC Kelas - 2 :						
1	Pek. Monoblok ex INA T-12 Warna (terpasang)	3.00	unit	Rp	1,127,500.00	Rp	3,382,500.00
2	Pek. Jet / Wash Shower ex Dupon	3.00	set	Rp	121,000.00	Rp	363,000.00
3	Pas. Kran Bak Mandi	3.00	bh	Rp	33,000.00	Rp	99,000.00
4	Pek. Soap Dish Tanam ex Lokal	3.00	bh	Rp	33,000.00	Rp	99,000.00
5	Pek. Hand Rail	3.00	bh	Rp	185,000.00	Rp	555,000.00
6	Pek Floor Drain	3.00	bh	Rp	88,000.00	Rp	264,000.00
D	KM/WC Umum :						
1	Pek. Closet Jongkok ex INA (terpasang)	4.00	unit	Rp	385,000.00	Rp	1,540,000.00
2	Pas. Kran Bak Mandi	4.00	bh	Rp	33,000.00	Rp	132,000.00
3	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	33,000.00		
4	Pek Floor Drain	4.00	bh	Rp	88,000.00	Rp	352,000.00
5	Pek. Urinair	3.00	unit	Rp	1,100,000.00		
6	Pek. Washtafel ex Toto L34W/F (terpasang)	2.00	unit	Rp	1,157,200.00	Rp	2,314,400.00
E	Spoelhoek :						
1	Pek. Bak Cuci Stainlesssteel 2 Bak	2.00	unit	Rp	1,000,000.00	Rp	2,000,000.00
2	Pas. Kran Zink	2.00	bh	Rp	33,000.00	Rp	66,000.00
3	Pas. Floor Drain	2.00	bh	Rp	88,000.00	Rp	176,000.00
F	PEKERJAAN PLUMBING & DRAINASE						
1	Pas. Pipa PVC AW 1/2" ex Wavin (air bersih ke kran)	50.00	ml	Rp	4,325.75	Rp	216,287.50
2	Pas. Pipa PVC AW 3/4" ex Wavin (air bersih ke & dari water tower)	50.00	ml	Rp	5,959.25	Rp	297,962.50
3	Pas. Pipa PVC AW 1" ex Wavin (distribusi induk air bersih)	85.00	ml	Rp	8,137.25	Rp	691,666.25
4	Pas. Pipa PVC AW 3" ex Wavin (outlet air kotor floordrain)	100.00	ml	Rp	35,332.00	Rp	3,533,200.00
5	Pas. Pipa PVC AW 4" ex Wavin (outlet dari WC ke Septictank)	100.00	ml	Rp	58,560.00	Rp	5,856,000.00
6	Pas Pipa PVC AW ex Wavin 6" (air kotor ke Ipai & ST)	100.00	ml	Rp	136,125.00	Rp	13,612,500.00
7	Pas. Bak Kontrol	6.00	bh	Rp	250,000.00	Rp	1,500,000.00
8	Pas. Buis Beton Saluran Air	200.00	ml	Rp	79,032.08	Rp	15,806,416.00
9	Pas. Septictank & Resapan	3.00	bh	Rp	1,450,000.00	Rp	4,350,000.00
11	Pas. Housetank Stainlesssteel 2x1500l	2.00	bh	Rp	2,500,000.00	Rp	5,000,000.00
	SUB TOTAL					Rp	143,330,532.25
X11	PEKERJAAN SOUND SYSTEM & TELEPON						
A	INSTALASI TELEPON						
	Lantai 1						
1	Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	8	titik	Rp	300,000.00	Rp	2,400,000.00
2	Outlet Telephone Broco + Inbow	10	buah	Rp	100,000.00	Rp	1,000,000.00
3	Handset SLT	8	unit	Rp	150,000.00	Rp	1,200,000.00
4	Box TTB-11 Uk. (20 x 30 x 40) cm	1	unit	Rp	500,000.00	Rp	500,000.00
	Lantai 2						
1	Instalasi Telephone dgn Kabel ITC 2 x 2 x 0,6 mm dalm Pipa Conduit 20 mm	1	titik	Rp	300,000.00	Rp	300,000.00
2	Outlet Telephone Broco + Inbow	1	buah	Rp	100,000.00	Rp	100,000.00
3	Handset SLT	1	unit	Rp	150,000.00	Rp	150,000.00
B	INSTALASI SOUNDSYSTEM						
	LANTAI 1						
1	Peralatan Utama set soundsystem terdiri dari:	1	set	Rp	20,000,000.00	Rp	20,000,000.00

	Power Amplifier, Speaker seletor, Paging Microphone + Chome Rackmount				
2	Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	22	titik	Rp 400,000.00	Rp 8,800,000.00
3	Ceiling spekaer	22	buah	Rp 85,000.00	Rp 1,870,000.00
4	Attenuator	16	buah	Rp 135,000.00	Rp 2,160,000.00
5	Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	16	titik	Rp 250,000.00	Rp 4,000,000.00
6	Junction Box	1	box	Rp 350,000.00	Rp 350,000.00
	LANTAI 2				
1	Instalasi Ceiling Speaker dlm PVC NYMHY 2x1,5mm2	18	titik	Rp 400,000.00	Rp 7,200,000.00
2	Ceiling spekaer	18	buah	Rp 85,000.00	Rp 1,530,000.00
3	Attenuator	13	buah	Rp 135,000.00	Rp 1,755,000.00
4	Instalasi Attenuator dlm PVC NYMHY 3x1,5mm2	13	titik	Rp 250,000.00	Rp 3,250,000.00
5	Junction Box	1	box	Rp 350,000.00	Rp 350,000.00
	C INSTALASI NURSCALL (COMAX)				
1	Master Control Nurse Call System untuk 36 + 12 Station	2	unit	Rp 3,500,000.00	Rp 7,000,000.00
2	Coridor Lamp 4 warna	18	Buah	Rp 330,000.00	Rp 5,940,000.00
3	Jack Plate	18	Unit	Rp 440,000.00	Rp 7,920,000.00
4	Bed Side Call Button	18	Unit	Rp 310,000.00	Rp 5,580,000.00
5	Lavatory Call Batton	18	unit	Rp 370,000.00	Rp 6,660,000.00
6	Toilet Call Button	18	unit	Rp 370,000.00	Rp 6,660,000.00
7	Instalasi titik NC dengan ITC 2x2x0,6 mm2	54	titik	Rp 190,000.00	Rp 10,260,000.00
8	Alat Bantu	1	Lot	Rp 250,000.00	Rp 250,000.00
	D INSTALASI CCTV				
1	Dome Camera Standart CCTV Analog Avtek IR	6	unit	Rp 600,000.00	Rp 3,600,000.00
2	DVR 4 Channel + Hd	1	unit	Rp 2,500,000.00	Rp 2,500,000.00
3	Mo nitor LCD 19"	1	unit	Rp 1,200,000.00	Rp 1,200,000.00
4	Instalasi dengan kabel Coaxial	6	titik	Rp 210,000.00	Rp 1,260,000.00
	SUB TOTAL				Rp 115,745,000.00
	X12 PEKERJAAN ELEKTRIKAL				
	A PEKERJAAN PANEL DAYA				
1	Instalasi Kabel Power (Dari MDP ke SDP Tiap Ruangan) NYY3X6mm2	100.00	m'	Rp 55,000.00	Rp 5,500,000.00
2	Pas. MDP Box Panel , uk: 40x60x20 + Busbar / Komplit	5.00	bh	Rp 1,780,000.00	Rp 8,900,000.00
3	Pas. Voltmeter ex Eco	5.00	bh	Rp 125,000.00	Rp 625,000.00
4	Pas Lampu Indikator RST + Fuse 2A ex	6.00	bh	Rp 65,000.00	Rp 390,000.00
5	Pas. MCB 16A 1phase ex Broco	25.00	bh	Rp 74,000.00	Rp 1,850,000.00
6	Pas. MCB 10A 1 phase ex Broco	39.00	bh	Rp 74,000.00	Rp 2,886,000.00
7	Pas. NFB 3x35A ex Merlin gerlin	2.00	bh	Rp 639,000.00	Rp 1,278,000.00
8	Pas. NFB 3x20A ex Merlin gerlin	2.00	bh	Rp 639,000.00	Rp 1,278,000.00
9	Pas. Grounding BC 35 mm2 ex Tembaga	88.40	m'	Rp 45,000.00	Rp 3,978,000.00
10	Pas. Grounding BC 16 mm2 ex Tembaga	15.00	m'	Rp 17,500.00	Rp 262,500.00
11	Pas. Kabel Tray 300x100 untuk Listrik ex	132.00	m'	Rp 253,125.00	Rp 33,412,500.00
	B PEKERJAAN PENERANGAN & STOP KONTAK				
	Umum				
1	Instalasi Lampu / Penerangan NYM 3 x 1.5 mm2 ex Extrana	155.00	ttk	Rp 185,000.00	Rp 28,675,000.00
2	Instalasi Stop Kontak NYM 3 x 2.5 mm2 ex Extrana	131.00	ttk	Rp 195,000.00	Rp 25,545,000.00
3	Instalasi AC NYM 3 x 2.5 mm2 ex Extrana	18.00	ttk	Rp 275,000.00	Rp 4,950,000.00
4	Instalasi Lampu Taman 3 x 2.5 mm2 ex Extrana	8.00	ttk	Rp 525,000.00	Rp 4,200,000.00
5	Instalasi Exhaust Fan NYM 2 x 2.5 mm2 ex Extrana	25.00	ttk	Rp 155,000.00	Rp 3,875,000.00
6	Pas. Lampu TL RM 2x18watt Glossy ex Saka	40.00	bh	Rp 303,750.00	Rp 12,150,000.00
7	Pas. Lampu Downlight 3" + PL Ess. Phillips 11 watt ex Hinode	20.00	bh	Rp 110,000.00	Rp 2,200,000.00
8	Pas. Lampu Downlight 3" + PL Ess. Phillips 10 watt ex Hinode	40.00	bh	Rp 110,000.00	Rp 4,400,000.00
9	Pas. Lampu Downlight 4" + PL Ess. Phillips 18 watt ex Hinode	100.00	bh	Rp 125,000.00	Rp 12,500,000.00
10	Pas. Lampu Baca ex	18.00	bh	Rp 350,000.00	Rp 6,300,000.00
11	Pas. Lampu Taman + Cagak Besi (jadi) ex Lumina	8.00	bh	Rp 450,000.00	Rp 3,600,000.00
12	Pas. Stop Kontak ex Panasonic WESJP1121W	131.00	bh	Rp 22,500.00	Rp 2,947,500.00
13	Pas. Saklar Tunggal ex Panasonic WESJ5941+WESJ78029W	50.00	bh	Rp 20,000.00	Rp 1,000,000.00
14	Pas. Saklar Ganda ex Panasonic WESJ5931+WESJ7802	40.00	bh	Rp 29,500.00	Rp 1,180,000.00
15	Pas. Exhaust Fan ex KDK RQN5-30	25.00	bh	Rp 400,000.00	Rp 10,000,000.00
16	Pas. AC 1 PK ex Panasonic	4.00	bh	Rp 3,355,000.00	Rp 13,420,000.00
17	Pas. AC 3/4 PK ex Panasonic	14.00	bh	Rp 3,245,000.00	Rp 45,430,000.00
	C PEKERJAAN POMPA AIR				
1	Pas. Pompa Dorong Housetank ke Ruangan ex Shimizu	1.00	set	Rp 1,127,500.00	Rp 1,127,500.00
2	Pas. Pompa Dorong Grountank ke Houstank	1.00	set	Rp 1,815,000.00	Rp 1,815,000.00
3	Pas. Radar Water Torn (dari groundtank ke watertorn) ex Radar RD99	1.00	set	Rp 77,000.00	Rp 77,000.00
	D PEKERJAAN PENANGKAL PETIR (terpasang)	1.00	set	Rp 18,500,000.00	Rp 18,500,000.00
	E PEKERJAAN SOLAR WATER HEATER				
1	a. Instalasi Pipa Air Panas (Wavin Tigris + Fiting) 3/4" dan 1/2"	100.00	m"	Rp 68,750.00	Rp 6,875,000.00
2	b. Instalasi Pipa Air Dingin + Fitting 3/4"	100.00	m"	Rp 60,500.00	Rp 6,050,000.00
4	d. Material Bantu (dudukan SWH, mekanik, dll)	1.00	ls	Rp 648,000.00	Rp 648,000.00
5	e. Solar Water Heater ex Wika Type 300LXC 300 liter	2.00	unit	Rp 26,125,000.00	Rp 52,250,000.00
	SUB TOTAL				Rp 330,075,000.00
	X13 PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP				
	LANTAI 1				
	A INSTALASI PEMIPAAN O2				
1	Cooper tube 1,1/8" ASTM B 819 Type L UNIPRO	75.00	m'	Rp 210,000.00	Rp 15,750,000.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	57.00	m'	Rp 160,000.00	Rp 9,120,000.00
3	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	70.00	m'	Rp 140,000.00	Rp 9,800,000.00
4	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	53.00	m'	Rp 90,000.00	Rp 4,770,000.00
5	Fiting	1.00	ls	Rp 3,000,000.00	Rp 3,000,000.00
	INSTALASI PEMIPAAN VACUM				
1	Cooper tube 1,3/8" ASTM B 819 Type L UNIPRO	75.00	m'	Rp 245,000.00	Rp 18,375,000.00
2	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	57.00	m'	Rp 190,000.00	Rp 10,830,000.00
3	Cooper tube 5/8" ASTM B 819 Type L UNIPRO	70.00	m'	Rp 150,000.00	Rp 10,500,000.00
4	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	53.00	m'	Rp 140,000.00	Rp 7,420,000.00

5	Fiting	1.00	Is	Rp	3,600,000.00	Rp	3,600,000.00
	LANTAI 2						
	INSTALASI PEMIPAAN O2						
1	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	75.00	m'	Rp	190,000.00	Rp	14,250,000.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	35.00	m'	Rp	160,000.00	Rp	5,600,000.00
3	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	200.00	m'	Rp	140,000.00	Rp	28,000,000.00
4	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	140.00	m'	Rp	90,000.00	Rp	12,600,000.00
5	Fiting	1.00	Is	Rp	3,600,000.00	Rp	3,600,000.00
	INSTALASI PEMIPAAN VACUM						
1	Cooper tube 1,1/8" ASTM B 819 Type L UNIPRO	75.00	m'	Rp	210,000.00	Rp	15,750,000.00
2	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	35.00	m'	Rp	190,000.00	Rp	6,650,000.00
4	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	260.00	m'	Rp	140,000.00	Rp	36,400,000.00
	B PEKERJAAN INSTALASI BED HEAD						
	LANTAI 1						
	RUANG V VIP						
1	Outlet Oksigen GENTEC	4.00	bh	Rp	1,150,000.00	Rp	4,600,000.00
2	Outlet Vacum GENTEC	4.00	bh	Rp	1,150,000.00	Rp	4,600,000.00
	RUANG KELAS 1						
1	Outlet Oksigen GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00
2	Outlet Vacum GENTEC	6.00	bh	Rp	1,150,000.00	Rp	6,900,000.00
	ZONE VALVE DAN ALARM SYSTEM						
1	Zone Valve Type 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
2	Alarm System 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
	BED HEAD ALUMINIUM 1,2 M	10.00	bh	Rp	1,500,000.00	Rp	15,000,000.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	Is	Rp	5,500,000.00	Rp	5,500,000.00
	LANTAI 2						
	RUANG KELAS 1						
1	Outlet Oksigen GENTEC	8.00	bh	Rp	1,150,000.00	Rp	9,200,000.00
2	Outlet Vacum GENTEC	8.00	bh	Rp	1,150,000.00	Rp	9,200,000.00
	ZONE VALVE DAN ALARM SYSTEM						
1	Zone Valve Type 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
2	Alarm System 2 Gas	1.00	Unit	Rp	5,500,000.00	Rp	5,500,000.00
	BED HEAD ALUMINIUM 1,2 M	8.00	bh	Rp	1,500,000.00	Rp	12,000,000.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	Is	Rp	5,500,000.00	Rp	5,500,000.00
	SUB TOTAL					Rp	317,415,000.00

RINCIAN NILAI VARIABEL (Y)

NO.	URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
1	2	3	4	5
Y	TOTAL NILAI PROYEK DALAM KONTRAK	Rp 3,382,522,279.06	Rp 317,415,000.00	Rp 3,699,937,279.06

RINCIAN DAFTAR KUANTITAS DAN HARGA

PEKERJAAN : PEMBANGUNAN GEDUNG RAWAT INAP VIP & KELAS 1.
 PROYEK : RUMAH SAKIT PKU MUHAMMADIAH DELANGGU, KLATEN
 TAHUN ANGGARAN : 2014

RINCIAN NILAI VARIABEL (X)

NO.	URAIAN PEKERJAAN	VOLUME		HARGA SATUAN		JUMLAH (Rp)
1	2	3		4		5
X1	PEKERJAAN PERSIAPAN					
1	Pek. Kantor Direksi	1.00	ls	Rp	2,250,000.00	Rp 2,250,000.00
2	Pek. Gudang Semen dan alat - alat kerja	1.00	ls	Rp	1,350,000.00	Rp 1,350,000.00
3	Pek. Pembersihan Lapangan	1.00	ls	Rp	2,250,000.00	Rp 2,250,000.00
5	Listrik & Air Kerja	6.00	bln	Rp	400,000.00	Rp 2,400,000.00
	SUB TOTAL					Rp 8,250,000.00
X2	PEKERJAAN TANAH					
1	Galian Tanah footplat	454.78	m ³	Rp	35,375.00	Rp 16,087,842.50
2	Galian tanah pondasi	17.19	m ³	Rp	47,080.00	Rp 809,305.20
3	Urugan tanah kembali	227.39	m ³	Rp	11,791.67	Rp 2,681,307.84
4	Urug pasir bawah pondasi	4.93	m ³	Rp	108,875.00	Rp 536,753.75
5	Urug pasir bawah Sloof	5.33	m ³	Rp	108,875.00	Rp 580,303.75
6	Tanah Urugan mendatangkan	225.11	m ³	Rp	72,875.00	Rp 16,404,891.25
7	Pek. Galian Septictank, Resapan, Groundtank, Bak Kontrol, Drainase	112.75	m ³	Rp	51,605.00	Rp 5,818,463.75
8	Pek. Urugan Sirtu Padat Meninggikan Lantai Dasar Bangunan	175.00	m ³	Rp	126,875.00	Rp 22,203,125.00
	SUB TOTAL					Rp 65,121,993.04
X3	PEKERJAAN PONDASI					
1	Pas. Pondasi batu kali 1Pc : 5 Ps	40.00	m3	Rp	580,390.00	Rp 23,216,180.39
2	Lantai Kerja footplat	12.60	m ³	Rp	526,352.00	Rp 6,632,035.20
3	Beton Footplate	43.22	m ³	Rp	4,190,143.00	Rp 181,089,600.17
4	Pembesian Footplate	10,044.65	m ³	Rp	14,888.00	Rp 149,544,689.65
5	Kolom Pedistal (40x40) Mutu Beton K250 Mpa	20.16	m ³	Rp	4,344,470.00	Rp 87,584,515.20
	SUB TOTAL					Rp 448,067,020.61
X4	PEKERJAAN STRUKTUR					
	LANTAI 1					
1	lantai kerja dasar sloof camp 1pc:3psr:5kr	4.71	m3	Rp	526,352.00	Rp 2,478,065.22
2	Beton Sloof 15x20cm mutu beton K250 Mpa	42.01	m3	Rp	4,815,963.00	Rp 202,308,973.70
3	Beton Sloof 25x40cm mutu beton K250 Mpa	0.20	m3	Rp	3,994,947.00	Rp 787,004.56
4	Beton Sloof Sp 15x20cm mutu beton K250 Mpa	5.00	m3	Rp	3,801,816.00	Rp 19,009,080.00
5	Beton Kolom K1 (40x40cm) mutu beton K250 Mpa	38.84	m3	Rp	4,344,470.00	Rp 168,739,214.80
6	Beton Kolom K2 (20x40cm) mutu beton K250 Mpa	2.20	m3	Rp	4,828,429.00	Rp 10,622,543.80
7	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	7.83	m3	Rp	4,344,470.00	Rp 34,017,200.10
8	Beton balok latiu 12/12 cor k175	5.00	m3	Rp	4,346,160.00	Rp 21,730,800.00
9	Balok Bordes (30x40)	0.20	m3	Rp	3,515,402.00	Rp 703,080.40
10	Beton plat tangga t.12cm cor beton K250 Mpa	3.08	m3	Rp	6,182,290.00	Rp 19,047,635.49
11	Beton Level di atas jendela	0.38	m3	Rp	6,182,290.00	Rp 2,373,999.36
	LANTAI 2					
1	Beton Kolom K1 (40x40cm) mutu beton K250 Mpa	30.06	m3	Rp	4,344,470.00	Rp 130,577,390.32
1	Beton Kolom K2 (40x40cm) mutu beton K250 Mpa	4.32	m3	Rp	4,828,429.00	Rp 20,858,813.28
2	Beton Kolom Kp 15/15cm mutu beton K.175 Mpa	2.59	m3	Rp	4,344,470.00	Rp 11,241,316.13
4	Beton Balok B1 25/45cm mutu beton K250 Mpa	35.06	m3	Rp	4,641,582.00	Rp 162,743,148.08
5	Beton Balok B2 25/40cm mutu beton K250 Mpa	16.75	m3	Rp	5,093,046.00	Rp 85,308,520.50
6	Beton Balok B3 25/20cm mutu K250 Mpa	6.03	m3	Rp	4,935,669.00	Rp 29,747,277.06
7	Beton Balok B4 15/20cm mutu K250 Mpa	4.29	m3	Rp	4,346,160.00	Rp 18,645,026.40
8	Beton Balok latiu 12/12cm cor beton K.175 Mpa	2.79	m3	Rp	4,346,160.00	Rp 12,134,478.72
9	Beton plat lantai t.12cm cor beton K250 Mpa	98.70	m3	Rp	3,438,999.93	Rp 339,429,293.09
10	Beton Balok BK 15/25 cm mutu K175 Mpa	3.160	m3	Rp	3,871,695.19	Rp 12,234,556.80
11	Beton Balok Ikat 15/20 cm mutu K175 Mpa	15.275	m3	Rp	3,350,056.73	Rp 51,172,116.55
12	Beton plat atap t.10cm cor beton K250 Mpa	15.900	m3	Rp	3,438,999.93	Rp 54,680,098.89
13	Beton plat listplank cor beton K250 Mpa	12.176	m3	Rp	2,668,835.56	Rp 32,495,741.78
14	Beton Ring Balok RB1 15/25cm mutu K250 Mpa	5.063	m3	Rp	3,350,056.73	Rp 16,959,662.20
	SUB TOTAL					Rp 1,918,738,000.00
X5	PEKERJAAN DINDING & PLESTERAN					
1	Pek. Dinding Bata 1pc : 5 ps	2,688.00	m2	Rp	78,500.00	Rp 211,008,000.00
2	Pek. Plesteran Dinding Bata	5,376.00	m2	Rp	53,750.00	Rp 288,960,000.00
3	Pek. Acian Dinding & Kolom	5,391.00	m2	Rp	25,766.00	Rp 138,904,506.00
4	Pek. Dinding Glassblock	80.00	bh	Rp	24,000.00	Rp 1,920,000.00
	SUB TOTAL					Rp 640,792,506.00
X6	PEKERJAAN PENGECATAN					
1	Pek. Pengcatan Dinding Exterior ex Dulux Waethershield /setara	2,688.00	m2	Rp	39,177.50	Rp 105,309,120.00
2	Pek. Pengcatan Dinding Interior ex Danacryl / Setara	2,703.00	m2	Rp	26,637.50	Rp 72,001,162.50
3	Pek. Pengcatan plafond ex Cathylac / setara	1,850.00	m2	Rp	12,777.50	Rp 23,638,375.00
4	Pek. Lisplang Woodplank ex Dulux V Gloss/ setara	29.60	m2	Rp	23,145.50	Rp 685,106.80
6	Pek. Waterproofing Coating ex Aquaproof / Setara	159.00	m2	Rp	52,800.00	Rp 8,395,200.00
	SUB TOTAL					Rp 210,028,964.30
X7	PEKERJAAN PENUTUP LANTAI & DINDING					
1	Pek. Lantai Keramik 40x40 ex Mulia / Setara	1,800.50	m2	Rp	123,575.00	Rp 222,496,787.50
2	Pek. Lantai Keramik K.Mandi 25X25 Mulia / Setara	83.50	m2	Rp	137,195.00	Rp 11,455,782.50
3	Pek. Dinding Keramik K.Mandi T. 1.60 : 25X40 Mulia / Setara	285.60	m2	Rp	154,435.00	Rp 44,106,636.00
4	Pek. Plin Keramik 10 x 40 ex Mulia / Setara	556.70	ml	Rp	23,595.00	Rp 13,135,336.50
5	Pek. List Keramik 8 x 25 ex KIA	125.50	ml	Rp	61,095.00	Rp 7,667,422.50
6	Pek. Ornamen Keramik 40 x40 ex Mulia / Setara	8.00	unit	Rp	1,964,000.00	Rp 15,712,000.00
7	Pek. Stepnose Tangga 10x 30 ex KIA	174.00	bh	Rp	18,000.00	Rp 3,132,000.00

		SUB TOTAL				Rp	317,705,965.00
X8	PEKERJAAN PLAFOND & PARTISI						
1	Pek. Plafond Gypsum 9mm+rangka hollow zinkalume (ex elephant / setara)	1,750.00	m2	Rp	79,640.00	Rp	139,370,000.00
2	Pek. List Plafond Sudut Gypsum C7 ex Elephant / Setara	6,125.00	ml	Rp	14,850.00	Rp	90,956,250.00
3	Pek. List Plafond Datar / Biding Gypsum ex Elephant / Setara	3,982.00	ml	Rp	14,850.00	Rp	59,132,700.00
4	Pek. Partisi Gypsum 2x9mm rangka besi hollow / metalstud	100.00	m2	Rp	162,000.00	Rp	16,200,000.00
	SUB TOTAL					Rp	305,658,950.00
X9	PEKERJAAN ATAP						
1	Pek. Kuda-kuda Rangka Atap Baja Ringan ex Sakti Truss / setara	884.21	m2	Rp	135,000.00	Rp	119,368,350.00
2	Pas. Genteng Metal Tekstur Zincalume ex Suryarood / setara	884.21	m2	Rp	125,000.00	Rp	110,526,250.00
3	Pek. Bubungan / Karpus Genteng Metal Zincalume Suryarood/ setara	115.48	ml	Rp	50,930.00	Rp	5,881,396.40
4	Pek. Listplank 2/20 x 400 ex Kalsiwood Plank/ setara	161.80	ml	Rp	35,975.00	Rp	5,820,755.00
	SUB TOTAL					Rp	241,596,751.40
X10	PEKERJAAN PLUMBING & SANITAIR						
A	KM/WC VVIP :						
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	4.00	unit	Rp	2,827,000.00	Rp	11,308,000.00
2	Pek. Jet / Wash Shower ex Dupon	4.00	set	Rp	121,000.00	Rp	484,000.00
3	Pek. Kran Bak Mandi ex Onda	4.00	bh	Rp	33,000.00	Rp	132,000.00
4	Pas. Kran Air Panas Dingin + Hand Shower	4.00	set	Rp	550,000.00	Rp	2,200,000.00
5	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	33,000.00	Rp	132,000.00
6	Pas. Kursi Lipat Pasien	4.00	bh	Rp	600,000.00	Rp	2,400,000.00
7	Pas. Towel Bar	4.00	bh	Rp	450,000.00	Rp	1,800,000.00
8	Pek. Hand Rail	4.00	bh	Rp	185,000.00	Rp	740,000.00
9	Pek. Washtafel ex Toto L34W/F (terpasang)	4.00	unit	Rp	1,157,200.00	Rp	4,628,800.00
10	Pek Floor Drain	4.00	bh	Rp	88,000.00	Rp	352,000.00
B	KM/WC Kelas - 1 :						
1	Pek. Monoblok ex Toto CW421J Warna (terpasang)	14.00	unit	Rp	2,827,000.00	Rp	39,578,000.00
2	Pek. Jet / Wash Shower ex Dupon	14.00	set	Rp	121,000.00	Rp	1,694,000.00
3	Pas. Kran Bak Mandi	14.00	bh	Rp	33,000.00	Rp	462,000.00
4	Pek. Soap Dish Tanam ex Lokal	14.00	bh	Rp	33,000.00	Rp	462,000.00
5	Pas. Towel Bar	14.00	bh	Rp	450,000.00	Rp	6,300,000.00
6	Pek. Hand Rail	14.00	bh	Rp	185,000.00	Rp	2,590,000.00
7	Pek Floor Drain	14.00	bh	Rp	88,000.00	Rp	1,232,000.00
8	Pek. Washtafel ex Toto L34W/F (terpasang)	4.00	unit	Rp	1,157,200.00	Rp	4,628,800.00
D	KM/WC Kelas - 2 :						
1	Pek. Monoblok ex INA T-12 Warna (terpasang)	3.00	unit	Rp	1,127,500.00	Rp	3,382,500.00
2	Pek. Jet / Wash Shower ex Dupon	3.00	set	Rp	121,000.00	Rp	363,000.00
3	Pas. Kran Bak Mandi	3.00	bh	Rp	33,000.00	Rp	99,000.00
4	Pek. Soap Dish Tanam ex Lokal	3.00	bh	Rp	33,000.00	Rp	99,000.00
5	Pek. Hand Rail	3.00	bh	Rp	185,000.00	Rp	555,000.00
6	Pek Floor Drain	3.00	bh	Rp	88,000.00	Rp	264,000.00
D	KM/WC Umum :						
1	Pek. Closet Jongkok ex INA (terpasang)	4.00	unit	Rp	385,000.00	Rp	1,540,000.00
2	Pas. Kran Bak Mandi	4.00	bh	Rp	33,000.00	Rp	132,000.00
3	Pek. Soap Dish Tanam ex Lokal	4.00	bh	Rp	33,000.00		
4	Pek Floor Drain	4.00	bh	Rp	88,000.00	Rp	352,000.00
5	Pek. Urinair	3.00	unit	Rp	1,100,000.00		
6	Pek. Washtafel ex Toto L34W/F (terpasang)	2.00	unit	Rp	1,157,200.00	Rp	2,314,400.00
E	Spoelhoek :						
1	Pek. Bak Cucil Stainlesssteel 2 Bak	2.00	unit	Rp	1,000,000.00	Rp	2,000,000.00
2	Pas. Kran Zink	2.00	bh	Rp	33,000.00	Rp	66,000.00
3	Pas. Floor Drain	2.00	bh	Rp	88,000.00	Rp	176,000.00
F	PEKERJAAN PLUMBING & DRAINASE						
1	Pas. Pipa PVC AW 1/2" ex Wavin (air bersih ke kran)	50.00	ml	Rp	4,325.75	Rp	216,287

C	INSTALASI NURSCALL (COMAX)					
1	Master Control Nurse Call System untuk 36 + 12 Station	2	unit	Rp	5,500,000.00	Rp 11,000,000.00
2	Coridor Lamp 4 warna	18	Buah	Rp	330,000.00	Rp 5,940,000.00
3	Jack Plate	18	Unit	Rp	440,000.00	Rp 7,920,000.00
4	Bed Side Call Button	18	Unit	Rp	310,000.00	Rp 5,580,000.00
5	Lavatory Call Batton	18	unit	Rp	370,000.00	Rp 6,660,000.00
6	Toilet Call Button	18	unit	Rp	370,000.00	Rp 6,660,000.00
7	Instalasi titik NC dengan ITC 2x2x0,6 mm2	54	titik	Rp	190,000.00	Rp 10,260,000.00
8	Alat Bantu	1	Lot	Rp	250,000.00	Rp 250,000.00
D	INSTALASI CCTV					
1	Dome Camera Standart CCTV Analog Avtek IR	6	unit	Rp	1,200,000.00	Rp 7,200,000.00
2	DVR 4 Channel + Hd	1	unit	Rp	3,500,000.00	Rp 3,500,000.00
3	Monitor LCD 19"	1	unit	Rp	2,200,000.00	Rp 2,200,000.00
4	Instalasi dengan kabel Coaxial	6	titik	Rp	210,000.00	Rp 1,260,000.00
	SUB TOTAL					Rp 130,345,000.00
X12	PEKERJAAN ELEKTRIKAL					
A	PEKERJAAN PANEL DAYA					
1	Instalasi Kabel Induk (Dari Induk ke MDP) NYY3X70mm2	150.00	m'	Rp	1,200,000.00	Rp 180,000,000.00
2	Instalasi Kabel Power (Dari MDP ke SDP Tiap Ruangan) NYY3X6mm2	100.00	m'	Rp	55,000.00	Rp 5,500,000.00
3	Pas. MDP Box Panel , uk: 40x60x20 + Busbar / Komplit	5.00	bh	Rp	1,780,000.00	Rp 8,900,000.00
4	Pas. Voltmeter ex Eco	5.00	bh	Rp	125,000.00	Rp 625,000.00
5	Pas. Lampu Indikator RST + Fuse 2A ex	6.00	bh	Rp	65,000.00	Rp 390,000.00
6	Pas. MCB 16A 1phase ex Broco	25.00	bh	Rp	74,000.00	Rp 1,850,000.00
7	Pas. MCB 10A 1 phase ex Broco	39.00	bh	Rp	74,000.00	Rp 2,886,000.00
8	Pas. NFB 3x35A ex Merlin gerlin	2.00	bh	Rp	639,000.00	Rp 1,278,000.00
9	Pas. NFB 3x20A ex Merlin gerlin	2.00	bh	Rp	639,000.00	Rp 1,278,000.00
10	Pas. Grounding BC 35 mm2 ex Tembaga	88.40	m'	Rp	45,000.00	Rp 3,978,000.00
11	Pas. Grounding BC 16 mm2 ex Tembaga	15.00	m'	Rp	17,500.00	Rp 262,500.00
12	Pas. Kabel Tray 300x100 untuk Listrik ex	132.00	m'	Rp	253,125.00	Rp 33,412,500.00
B	PEKERJAAN PENERANGAN & STOP KONTAK					
	Umum					
1	Instalasi Lampu / Penerangan NYM 3 x 1.5 mm2 ex Extrana	155.00	ttk	Rp	185,000.00	Rp 28,675,000.00
2	Instalasi Stop Kontak NYM 3 x 2.5 mm2 ex Extrana	131.00	ttk	Rp	195,000.00	Rp 25,545,000.00
3	Instalasi AC NYM 3 x 2.5 mm2 ex Extrana	18.00	ttk	Rp	275,000.00	Rp 4,950,000.00
4	Instalasi Lampu Taman 3 x 2.5 mm2 ex Extrana	8.00	ttk	Rp	525,000.00	Rp 4,200,000.00
5	Instalasi Exhaust Fan NYM 2 x 2.5 mm2 ex Extrana	25.00	ttk	Rp	155,000.00	Rp 3,875,000.00
6	Pas. Lampu TL RM 2x18watt Glossy ex Saka	40.00	bh	Rp	303,750.00	Rp 12,150,000.00
7	Pas. Lampu Downlight 3" + PL Ess. Phillips 11 watt ex Hinode	20.00	bh	Rp	110,000.00	Rp 2,200,000.00
8	Pas. Lampu Downlight 3" + PL Ess. Phillips 10 watt ex Hinode	40.00	bh	Rp	110,000.00	Rp 4,400,000.00
9	Pas. Lampu Downlight 4" + PL Ess. Phillips 18 watt ex Hinode	100.00	bh	Rp	125,000.00	Rp 12,500,000.00
10	Pas. Lampu Baca ex	18.00	bh	Rp	350,000.00	Rp 6,300,000.00
11	Pas. Lampu Taman + Cagak Besi (jadi) ex Lumina	8.00	bh	Rp	450,000.00	Rp 3,600,000.00
12	Pas. Stop Kontak ex Panasonic WESJP1121W	131.00	bh	Rp	22,500.00	Rp 2,947,500.00
13	Pas. Saklar Tunggal ex Panasonic WESJ5941+WESJ78029W	50.00	bh	Rp	20,000.00	Rp 1,000,000.00
14	Pas. Saklar Ganda ex Panasonic WESJ5931+WESJ7802	40.00	bh	Rp	29,500.00	Rp 1,180,000.00
15	Pas. Exhaust Fan ex KDK RQN5-30	25.00	bh	Rp	400,000.00	Rp 10,000,000.00
16	Pas. AC 1 PK ex Panasonic	4.00	bh	Rp	3,355,000.00	Rp 13,420,000.00
17	Pas. AC 3/4 PK ex Panasonic	14.00	bh	Rp	3,245,000.00	Rp 45,430,000.00
C	PEKERJAAN POMPA AIR					
1	Pas. Pompa Dorong Houstank ke Ruangan ex Shimizu	1.00	set	Rp	1,127,500.00	Rp 1,127,500.00
2	Pas. Pompa Dorong Grountank ke Houstank	1.00	set	Rp	1,815,000.00	Rp 1,815,000.00
3	Pas. Radar Water Torn (dari groundtank ke watertorn) ex Radar RD99	1.00	set	Rp	77,000.00	Rp 77,000.00
D	PEKERJAAN PENANGKAL PETIR (terpasang)					
1	Pas. Petir Tangkai ex Wika Type 300LXC 300 liter	1.00	set	Rp	18,500,000.00	Rp 18,500,000.00
E	PEKERJAAN SOLAR WATER HEATER					
1	a. Instalasi Pipa Air Panas (Wavin Tigris + Fiting) 3/4" dan 1/2"	100.00	m"	Rp	68,750.00	Rp 6,875,000.00
2	b. Instalasi Pipa Air Dingin + Fiting 3/4"	100.00	m"	Rp	60,500.00	Rp 6,050,000.00
3	d. Material Bantu (dudukan SWH, mekanik, dll)	1.00	ls	Rp	648,000.00	Rp 648,000.00
4	e. Solar Water Heater ex Wika Type 300LXC 300 liter	2.00	unit	Rp	26,125,000.00	Rp 52,250,000.00
	SUB TOTAL					Rp 510,075,000.00
X13	PEKERJAAN INSTALASI GAS MEDIS RAWAT INAP					
	LANTAI 1					
A	INSTALASI PEMIPAAN O2					
1	Cooper tube 1 3/8" ASTM B 819 Type L UNIPRO	100.00	m'	Rp	264,404.00	Rp 26,440,400.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	80.00	m'	Rp	172,672.00	Rp 13,813,760.00
3	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	85.00	m'	Rp	275,196.00	Rp 23,391,660.00
4	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	70.00	m'	Rp	215,840.00	Rp 15,108,800.00
5	Fiting	1.00	ls	Rp	4,316,800.00	Rp 4,316,800.00
	INSTALASI PEMIPAAN VACUM					
1	Cooper tube 1,3/8" ASTM B 819 Type L UNIPRO	100.00	m'	Rp	264,404.00	Rp 26,440,400.00
2	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	80.00	m'	Rp	205,048.00	Rp 16,403,840.00
3	Cooper tube 5/8" ASTM B 819 Type L UNIPRO	85.00	m'	Rp	172,672.00	Rp 14,677,120.00
4	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	70.00	m'	Rp	275,196.00	Rp 19,263,720.00
5	Fiting	1.00	ls	Rp	4,316,800.00	Rp 4,316,800.00
	LANTAI 2					
	INSTALASI PEMIPAAN O2					
1	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	100.00	m'	Rp	205,048.00	Rp 20,504,800.00
2	Cooper tube 3/4" ASTM B 819 Type L UNIPRO	80.00	m'	Rp	172,672.00	Rp 13,813,760.00
3	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	260.00	m'	Rp	275,196.00	Rp 71,550,960.00
4	Cooper tube 3/8" ASTM B 819 Type L UNIPRO	160.00	m'	Rp	248,216.00	Rp 39,714,560.00
5	Fiting	1.00	ls	Rp	4,316,800.00	Rp 4,316,800.00
	INSTALASI PEMIPAAN VACUM					
1	Cooper tube 1,1/8" ASTM B 819 Type L UNIPRO	100.00	m'	Rp	345,344.00	Rp 34,534,400.00
2	Cooper tube 7/8" ASTM B 819 Type L UNIPRO	80.00	m'	Rp	205,048.00	Rp 16,403,840.00
4	Cooper tube 1/2" ASTM B 819 Type L UNIPRO	280.00	m'	Rp	280,592.00	Rp 78,565,760.00
B	PEKERJAAN INSTALASI BED HEAD					
	LANTAI 1					
	RUANG V VIP					
1	Outlet Oksigen GENTEC	4.00	bh	Rp	2,158,400.00	Rp 8,633,600.00
2	Outlet Vacum GENTEC	4.00	bh	Rp	2,266,320.00	Rp 9,065,280.00
	RUANG KELAS 1					

1	Outlet Oksigen GENTEC	6.00	bh	Rp	2,158,400.00	Rp	12,950,400.00
2	Outlet Vacum GENTEC	6.00	bh	Rp	2,266,320.00	Rp	13,597,920.00
ZONE VALVE DAN ALARM SYSTEM							
1	Zone Valve Type 2 Gas	1.00	Unit	Rp	5,935,600.00	Rp	5,935,600.00
2	Alarm System 2 Gas	1.00	Unit	Rp	8,633,600.00	Rp	8,633,600.00
	BED HEAD ALUMINIUM 1,2 M	10.00	bh	Rp	3,777,200.00	Rp	37,772,000.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	ls	Rp	5,935,600.00	Rp	5,935,600.00
LANTAI 2							
RUANG KELAS 1							
1	Outlet Oksigen GENTEC	8.00	bh	Rp	2,158,400.00	Rp	17,267,200.00
2	Outlet Vacum GENTEC	8.00	bh	Rp	2,266,320.00	Rp	18,130,560.00
ZONE VALVE DAN ALARM SYSTEM							
1	Zone Valve Type 2 Gas	1.00	Unit	Rp	5,935,600.00	Rp	5,935,600.00
2	Alarm System 2 Gas	1.00	Unit	Rp	8,633,600.00	Rp	8,633,600.00
	BED HEAD ALUMINIUM 1,2 M	8.00	bh	Rp	3,777,200.00	Rp	30,217,600.00
	CONSUMABLE, MATERIAL BANTU, & TESTING COMISSIONING	1.00	ls	Rp	5,935,600.00	Rp	5,935,600.00
SUB TOTAL						Rp	632,222,340.00

RINCIAN NILAI VARIABEL (Y)

NO.	URAIAN PEKERJAAN	HARGA PROYEK	HARGA GAS O2	JUMLAH (Rp)
1	2	3	4	5
Y	TOTAL NILAI PROYEK DALAM KONTRAK	Rp 5,280,520,760.35	Rp 632,222,340.00	Rp 5,912,743,100.35

UJI NORMALITAS SHAPIRO WILK

Explore

```
EXAMINE VARIABLES=X4 X5 X7 X8 X9 X12 X13 Y
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUP
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.
```

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
X4	5	100.0%	0	.0%	5	100.0%
X5	5	100.0%	0	.0%	5	100.0%
X7	5	100.0%	0	.0%	5	100.0%
X8	5	100.0%	0	.0%	5	100.0%
X9	5	100.0%	0	.0%	5	100.0%
X12	5	100.0%	0	.0%	5	100.0%
X13	5	100.0%	0	.0%	5	100.0%
Y	5	100.0%	0	.0%	5	100.0%

Descriptives

		Statistic	Std. Error
X4	Mean	6.66E5	5.412E4
	95% Confidence Interval for Mean	5.15E5	
	Lower Bound	8.16E5	
	Upper Bound	6.69E5	
	5% Trimmed Mean	6.61E5	
	Median	1.465E10	
	Variance	1.210E5	
	Std. Deviation	489330	
	Minimum	786862	
	Maximum		

	Range	297532	
	Interquartile Range	222819	
	Skewness	-.624	.913
	Kurtosis	-.404	2.000
X5	Mean	1.96E5	2.090E4
	95% Confidence Interval for Lower Bound	1.37E5	
	Mean Upper Bound	2.54E5	
	5% Trimmed Mean	1.93E5	
	Median	1.92E5	
	Variance	2.184E9	
	Std. Deviation	4.673E4	
	Minimum	156375	
	Maximum	273797	
	Range	117423	
	Interquartile Range	73480	
	Skewness	1.575	.913
	Kurtosis	2.751	2.000
X7	Mean	1.54E5	2.015E4
	95% Confidence Interval for Lower Bound	9.84E4	
	Mean Upper Bound	2.10E5	
	5% Trimmed Mean	1.55E5	
	Median	1.51E5	
	Variance	2.031E9	
	Std. Deviation	4.507E4	
	Minimum	90464	
	Maximum	209955	
	Range	119492	
	Interquartile Range	80538	
	Skewness	-.337	.913
	Kurtosis	.121	2.000
X8	Mean	1.56E5	2.992E4
	95% Confidence Interval for Lower Bound	7.28E4	

	Mean	Upper Bound	2.39E5	
	5% Trimmed Mean		1.55E5	
	Median		1.66E5	
	Variance		4.477E9	
	Std. Deviation		6.691E4	
	Minimum		81995	
	Maximum		245073	
	Range		163078	
	Interquartile Range		126710	
	Skewness		.208	.913
	Kurtosis		-1.429	2.000
X9	Mean		1.80E5	4244.478
	95% Confidence Interval for	Lower Bound	1.68E5	
	Mean	Upper Bound	1.92E5	
	5% Trimmed Mean		1.80E5	
	Median		1.82E5	
	Variance		9.008E7	
	Std. Deviation		9.491E3	
	Minimum		168175	
	Maximum		191354	
	Range		23179	
	Interquartile Range		18206	
	Skewness		-.194	.913
	Kurtosis		-1.798	2.000
X12	Mean		1.46E5	2.366E4
	95% Confidence Interval for	Lower Bound	8.03E4	
	Mean	Upper Bound	2.12E5	
	5% Trimmed Mean		1.46E5	
	Median		1.34E5	
	Variance		2.798E9	
	Std. Deviation		5.290E4	
	Minimum		79442	

	Maximum	203553	
	Range	124111	
	Interquartile Range	101426	
	Skewness	-.020	.913
	Kurtosis	-2.026	2.000
X13	Mean	1.72E5	2.077E4
	95% Confidence Interval for Lower Bound	1.14E5	
	Mean Upper Bound	2.30E5	
	5% Trimmed Mean	1.70E5	
	Median	1.55E5	
	Variance	2.157E9	
	Std. Deviation	4.644E4	
	Minimum	129836	
	Maximum	241399	
	Range	111562	
	Interquartile Range	84732	
	Skewness	.959	.913
	Kurtosis	-.414	2.000
Y	Mean	2.03E6	1.275E5
	95% Confidence Interval for Lower Bound	1.67E6	
	Mean Upper Bound	2.38E6	
	5% Trimmed Mean	2.03E6	
	Median	2.01E6	
	Variance	8.126E10	
	Std. Deviation	2.851E5	
	Minimum	1650272	
	Maximum	2326385	
	Range	676113	
	Interquartile Range	549620	
	Skewness	-.244	.913
	Kurtosis	-1.732	2.000

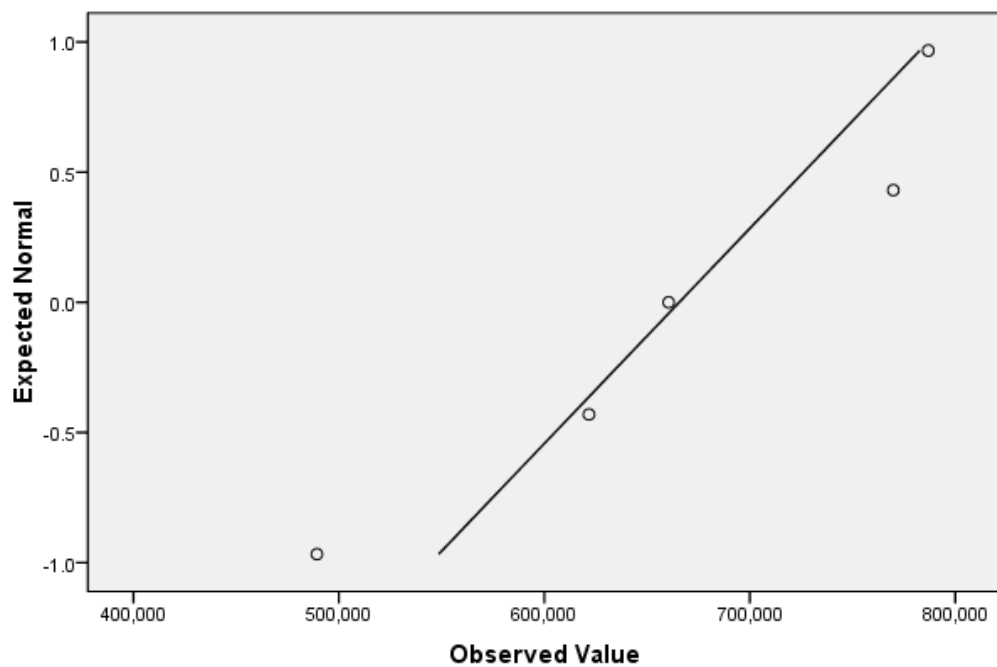
Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
X4	.205	5	.200 [*]	.931	5	.600
X5	.325	5	.092	.830	5	.140
X7	.171	5	.200 [*]	.985	5	.959
X8	.206	5	.200 [*]	.947	5	.713
X9	.176	5	.200 [*]	.960	5	.809
X12	.226	5	.200 [*]	.920	5	.532
X13	.245	5	.200 [*]	.900	5	.410
Y	.215	5	.200 [*]	.936	5	.636

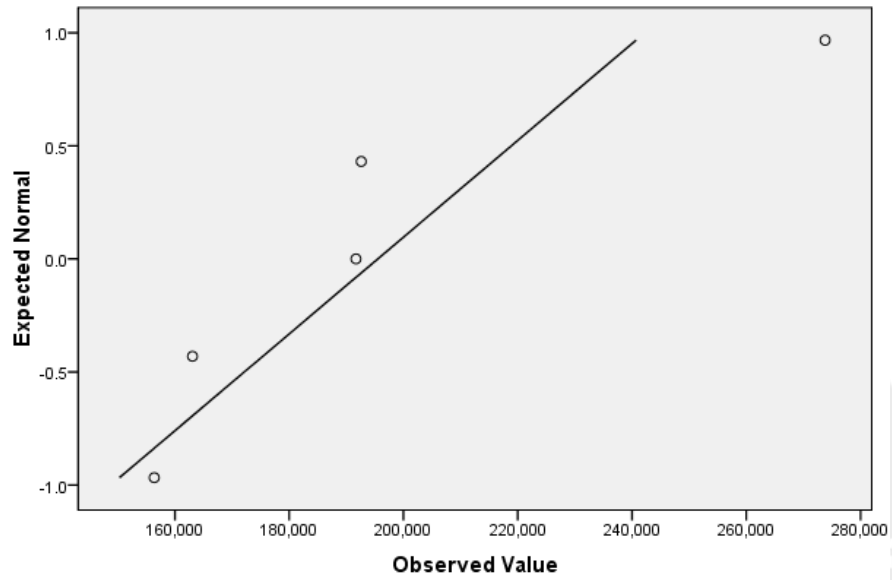
a. Lilliefors Significance Correction

*. This is a lower bound of the true significance.

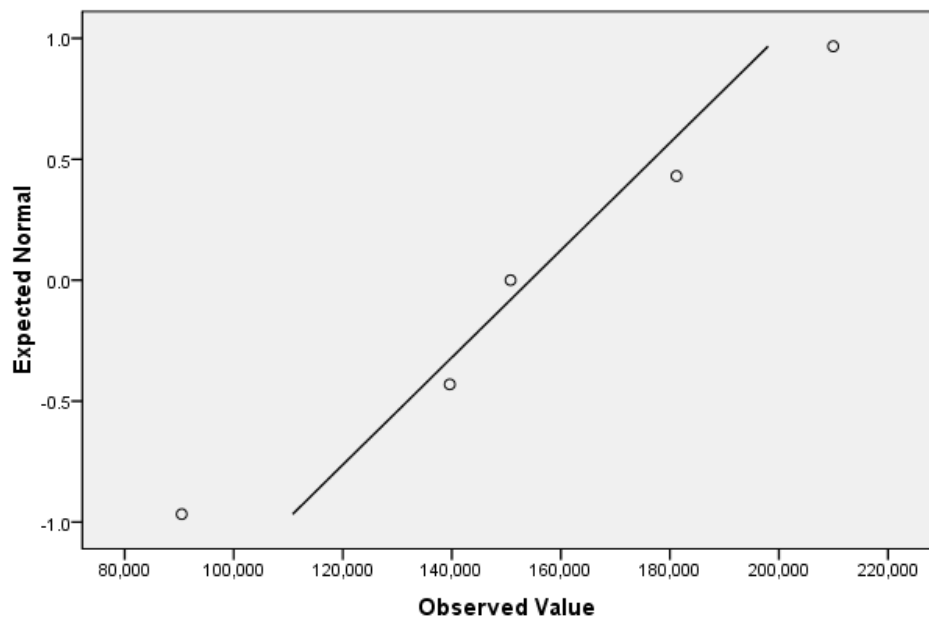
Normal Q-Q Plot of X4



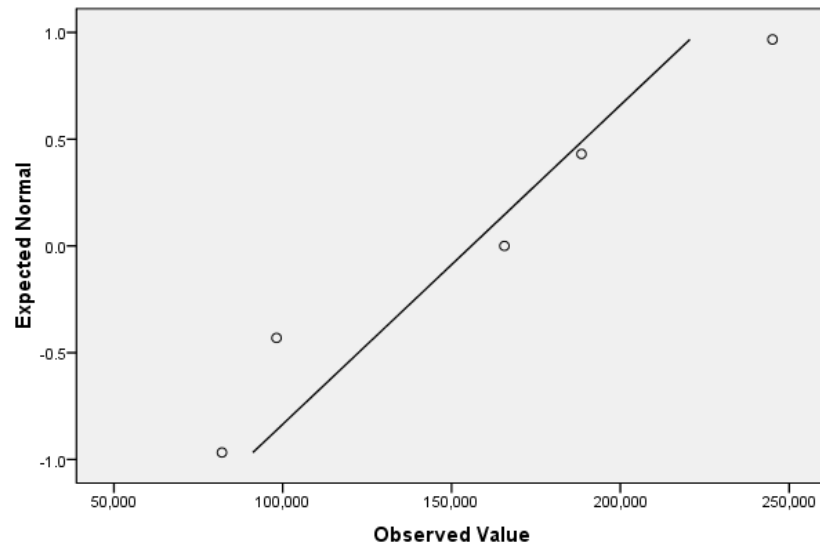
Normal Q-Q Plot of X5



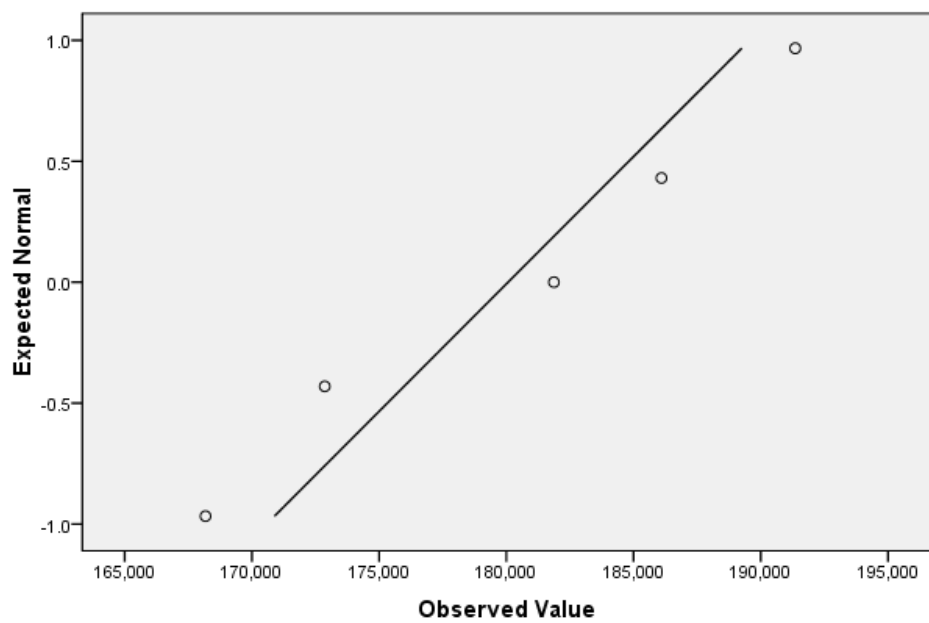
Normal Q-Q Plot of X7



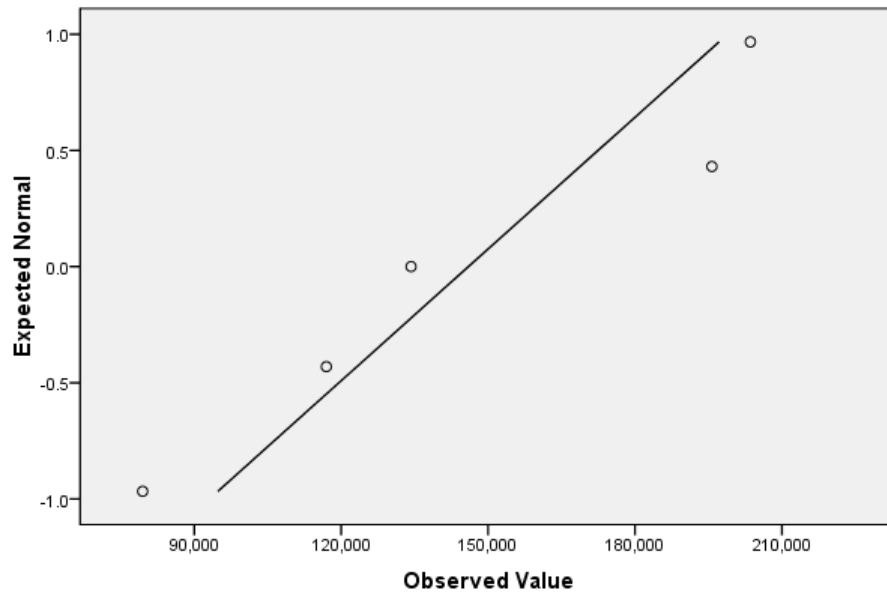
Normal Q-Q Plot of X8



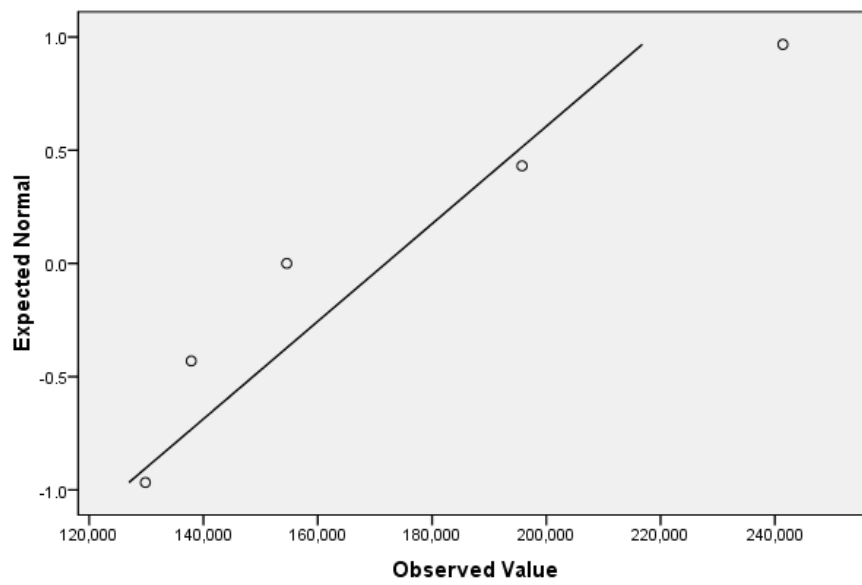
Normal Q-Q Plot of X9



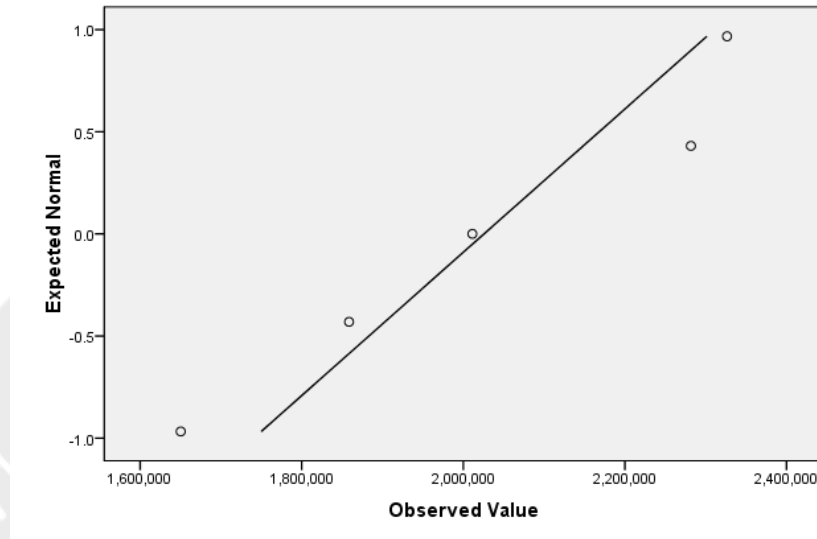
Normal Q-Q Plot of X12



Normal Q-Q Plot of X13



Normal Q-Q Plot of Y



```

NPAR TESTS
  /K-S(NORMAL)=X4 X5 X7 X8 X9 X12 X13 Y
  /STATISTICS DESCRIPTIVES

  /MISSING ANALYSIS.

```

NPar Tests

Notes

Output Created	21-Dec-2014 17:43:21	
Comments		
Input	Active Dataset	DataSet0
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	N of Rows in Working Data File	5
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax	NPAR TESTS /K-S(NORMAL)=X4 X5 X7 X8 X9 X12 X13 Y /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.	
Resources	Processor Time	00:00:00.031
	Elapsed Time	00:00:00.031
	Number of Cases Allowed ^a	71493

Notes

Output Created		21-Dec-2014 17:43:21
Comments		
Input	Active Dataset	DataSet0
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	N of Rows in Working Data File	5
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each test are based on all cases with valid data for the variable(s) used in that test.
Syntax		NPAR TESTS /K-S(NORMAL)=X4 X5 X7 X8 X9 X12 X13 Y /STATISTICS DESCRIPTIVES /MISSING ANALYSIS.
Resources	Processor Time	00:00:00.031
	Elapsed Time	00:00:00.031
	Number of Cases Allowed ^a	71493

a. Based on availability of workspace memory.

[DataSet0]

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
X4	5	6.66E5	121024.494	489330	786862
X5	5	1.96E5	46733.974	156375	273797
X7	5	1.54E5	45067.770	90464	209955
X8	5	1.56E5	66906.961	81995	245073
X9	5	1.80E5	9490.942	168175	191354
X12	5	1.46E5	52899.741	79442	203553
X13	5	1.72E5	46443.873	129836	241399
Y	5	2.03E6	285058.989	1650272	2326385

One-Sample Kolmogorov-Smirnov Test

		X4	X5	X7	X8	X9	X12	X13	Y
N		5	5	5	5	5	5	5	5
Normal Parameters ^a	Mean	6.66E5	1.96E5	1.54E5	1.56E5	1.80E5	1.46E5	1.72E5	2.03E6
	Std. Deviation	1.210E5	4.673E4	4.507E4	6.691E4	9.491E3	5.290E4	4.644E4	2.851E5
Most Extreme Differences	Absolute	.205	.325	.171	.206	.176	.226	.245	.215
	Positive	.158	.325	.132	.206	.176	.188	.245	.146
	Negative	-.205	-.201	-.171	-.158	-.175	-.226	-.183	-.215
Kolmogorov-Smirnov Z		.459	.726	.383	.460	.394	.506	.548	.482
Asymp. Sig. (2-tailed)		.984	.667	.999	.984	.998	.960	.924	.974

a. Test distribution is Normal.



```

PLOT
/VARIABLES=X4 X5 X7 X8 X9 X12 X13 Y
/NOLOG
/NOSTANDARDIZE
/TYPE=P-P
/FRACTION=BLOM
/TIES=MEAN

/DIST=NORMAL.

```

PPlot

Notes

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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	For a given sequence or time series variable, cases with missing values are not used in the analysis. Cases with negative or zero values are also not used, if the log transform is requested.

Syntax		PLOT
		/VARIABLES=X4 X5 X7 X8 X9 X12 X13
		Y
		/NOLOG
		/NOSTANDARDIZE
		/TYPE=P-P
		/FRACTION=BLOM
		/TIES=MEAN
		/DIST=NORMAL.
Resources	Processor Time	00:00:05.506
	Elapsed Time	00:00:05.958
Use	From	First observation
	To	Last observation
Time Series Settings (TSET)	Amount of Output	PRINT = DEFAULT
	Saving New Variables	NEWVAR = CURRENT
	Maximum Number of Lags in Autocorrelation or Partial Autocorrelation Plots	MXAUTO = 16
	Maximum Number of Lags Per Cross-Correlation Plots	MXCROSS = 7
	Maximum Number of New Variables Generated Per Procedure	MXNEWVAR = 60
	Maximum Number of New Cases Per Procedure	MXPREDICT = 1000
	Treatment of User-Missing Values	MISSING = EXCLUDE

Confidence Interval Percentage Value	CIN = 95
Tolerance for Entering Variables in Regression Equations	TOLER = .0001
Maximum Iterative Parameter Change	CNVERGE = .001
Method of Calculating Std. Errors for Autocorrelations	ACFSE = IND
Length of Seasonal Period	Unspecified
Variable Whose Values Label Observations in Plots	Unspecified
Equations Include	CONSTANT

[DataSet0]

Model Description

Model Name	MOD_2
Series or Sequence	1 X4
	2 X5
	3 X7
	4 X8
	5 X9
	6 X12
	7 X13
	8 Y
Transformation	None
Non-Seasonal Differencing	0

Seasonal Differencing		0
Length of Seasonal Period		No periodicity
Standardization		Not applied
Distribution	Type	Normal
	Location	estimated
	Scale	estimated
Fractional Rank Estimation Method		Blom's
Rank Assigned to Ties		Mean rank of tied values

Applying the model specifications from MOD_2

Case Processing Summary

	X4	X5	X7	X8	X9	X12	X13	Y
Series or Sequence Length	5	5	5	5	5	5	5	5
Number of Missing Values in the Plot	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0

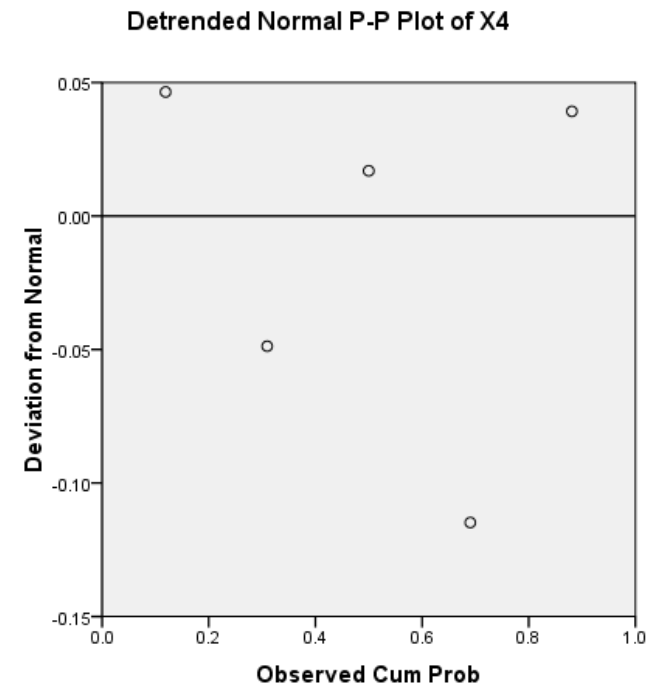
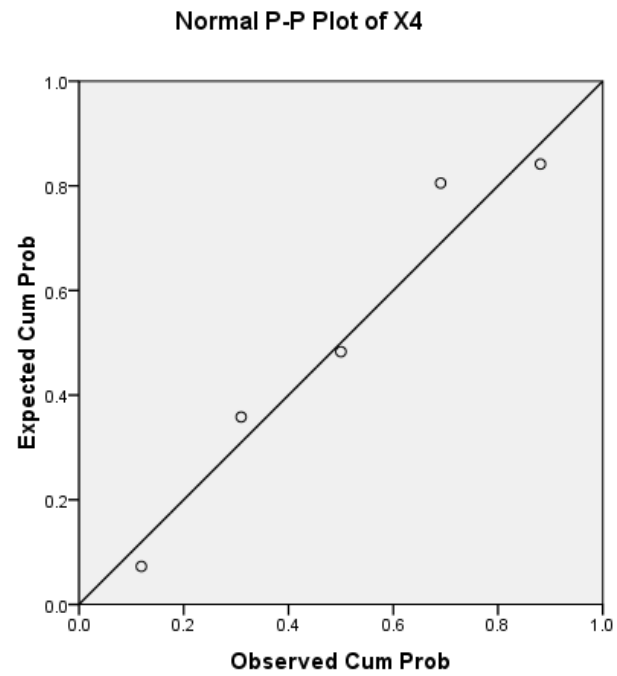
The cases are unweighted.

Estimated Distribution Parameters

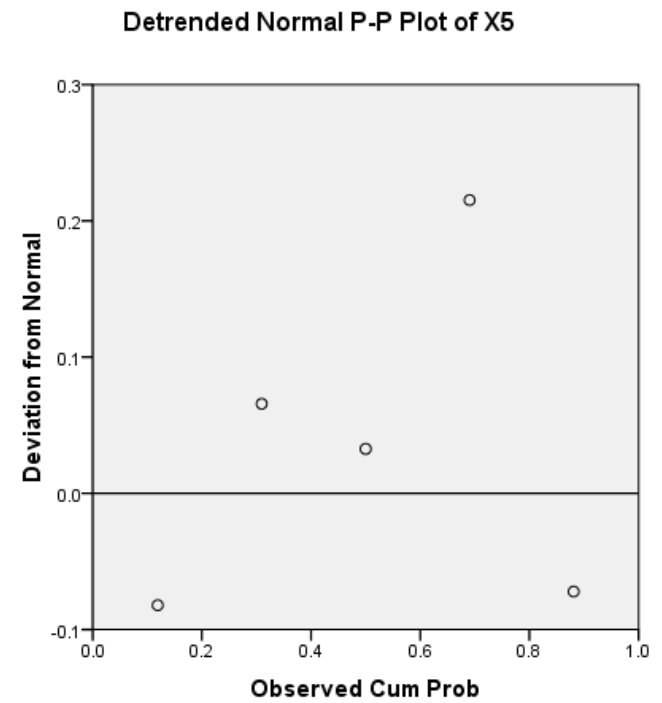
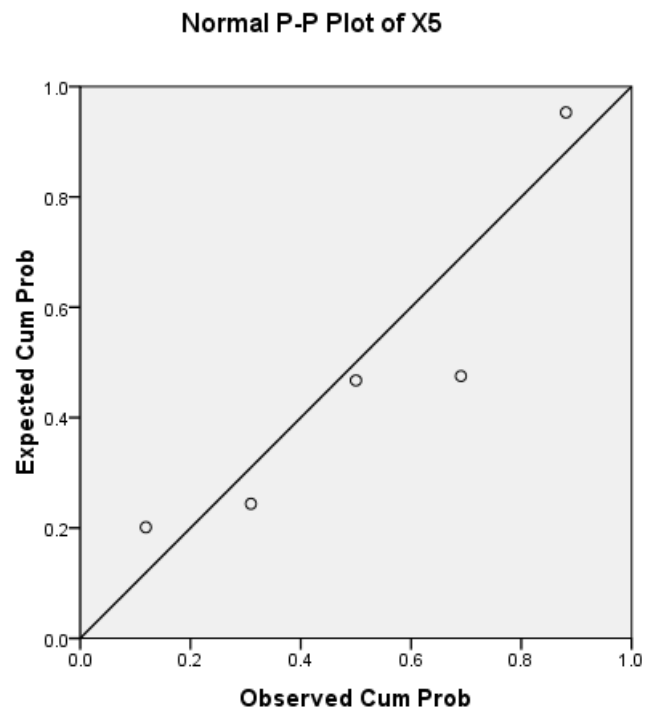
	X4	X5	X7	X8	X9	X12	X13	Y
Normal Distribution								
Location	6.66E5	1.96E5	1.54E5	1.56E5	1.80E5	1.46E5	1.72E5	2.03E6
Scale	1.210E5	4.673E4	4.507E4	6.691E4	9.491E3	5.290E4	4.644E4	2.851E5

The cases are unweighted.

X4

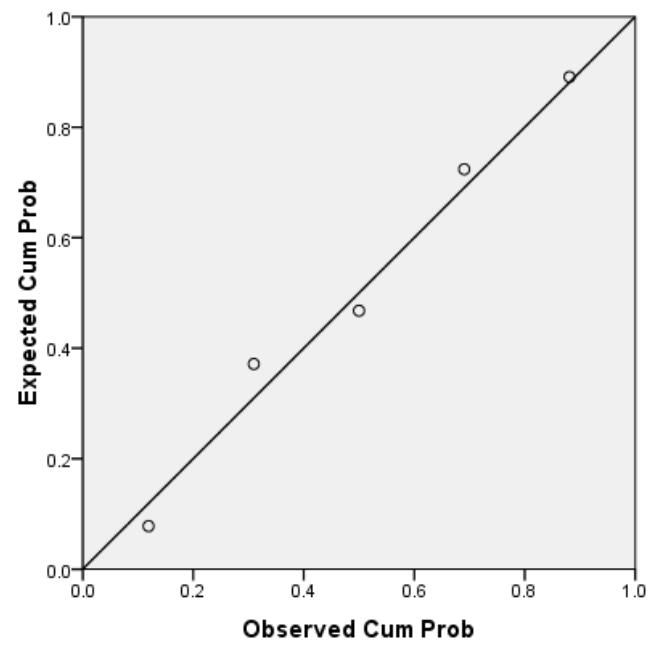


X5

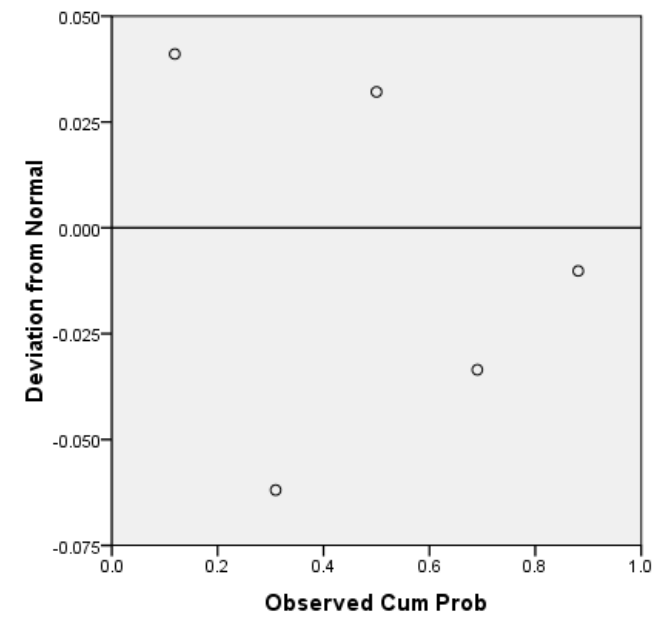


X7

Normal P-P Plot of X7

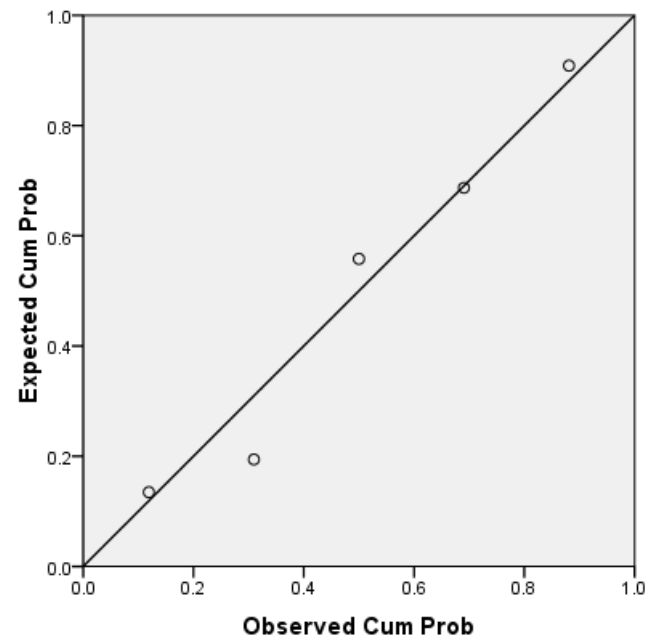


Detrended Normal P-P Plot of X7

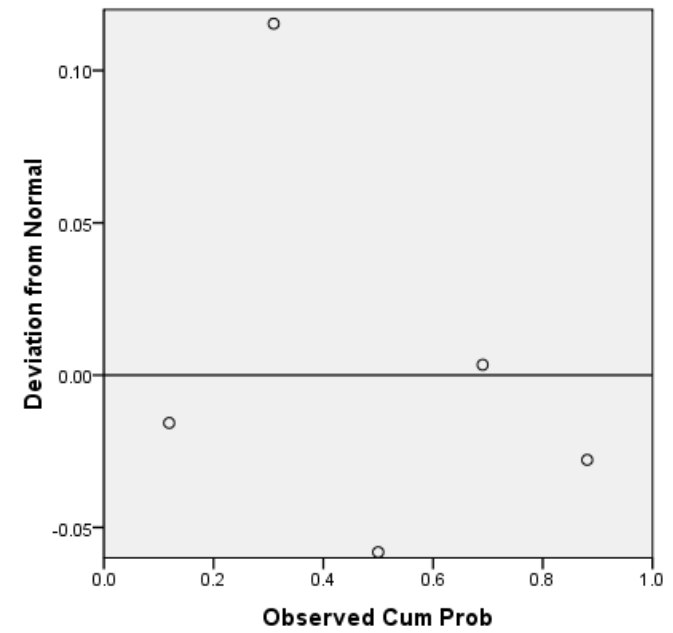


X8

Normal P-P Plot of X8

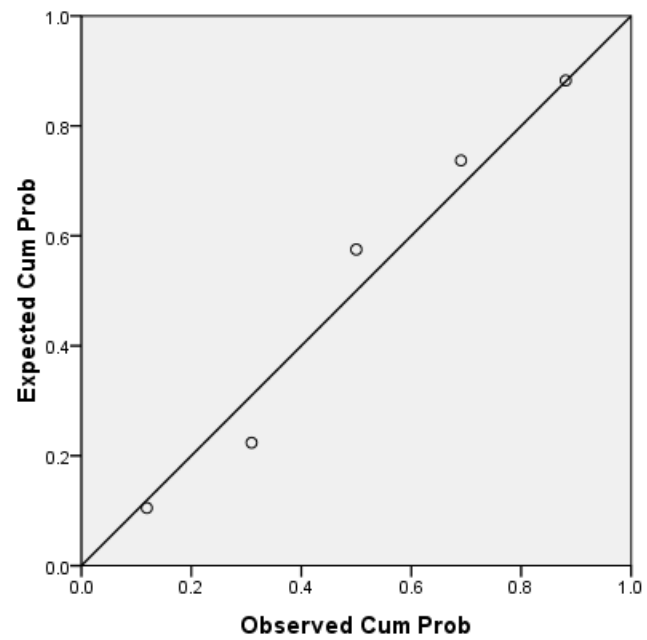


Detrended Normal P-P Plot of X8

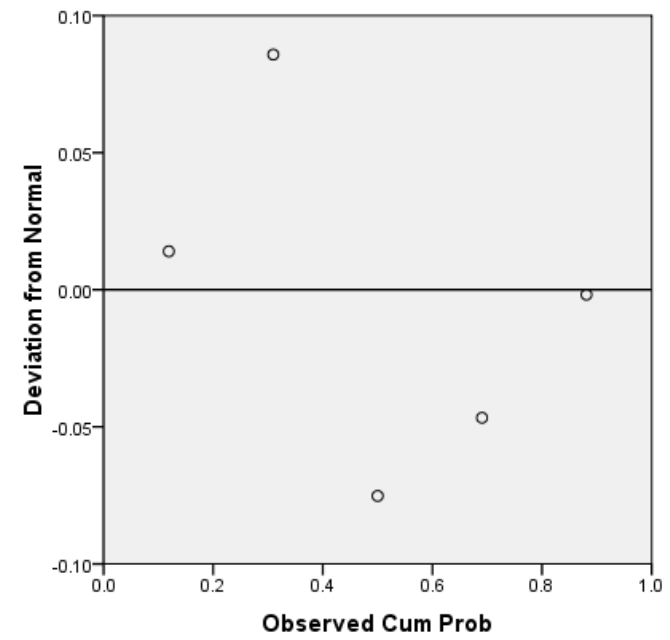


X9

Normal P-P Plot of X9

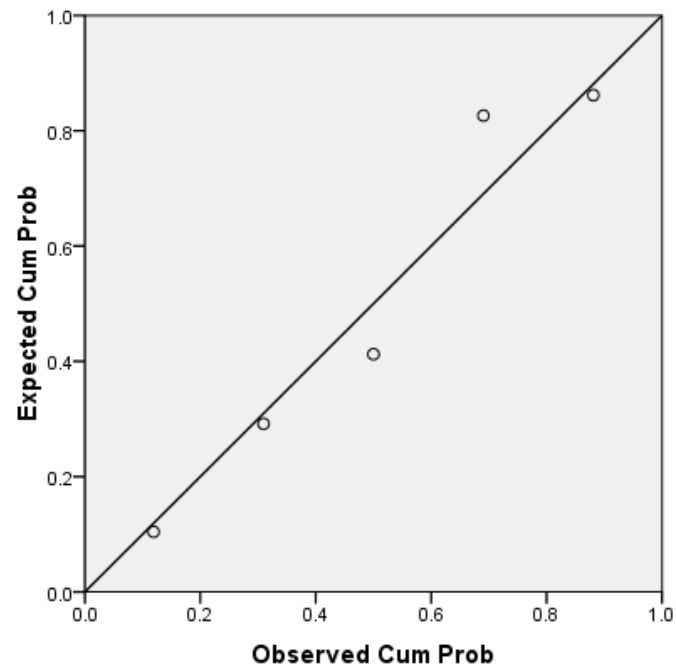


Detrended Normal P-P Plot of X9

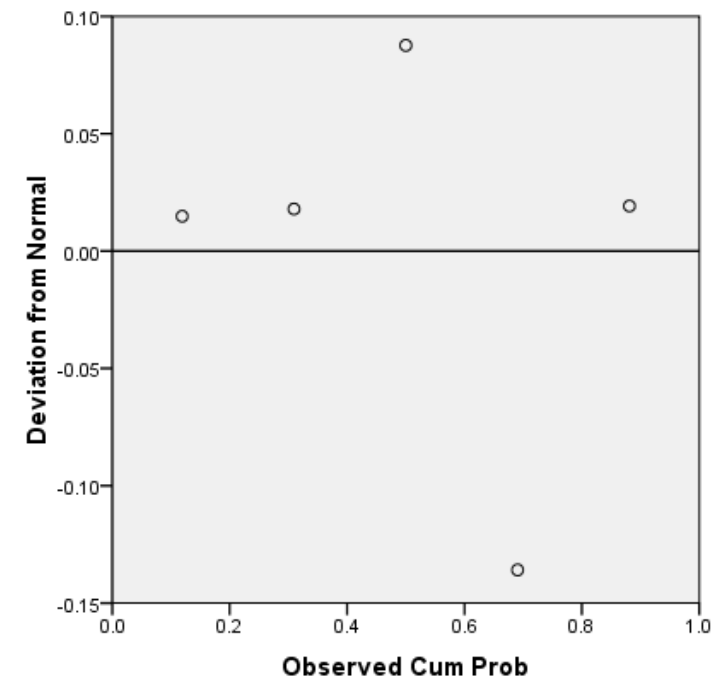


X12

Normal P-P Plot of X12

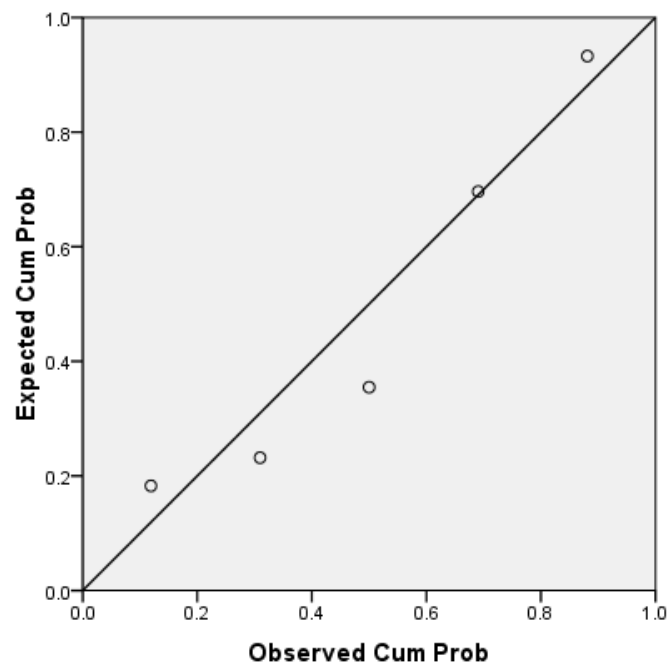


Detrended Normal P-P Plot of X12

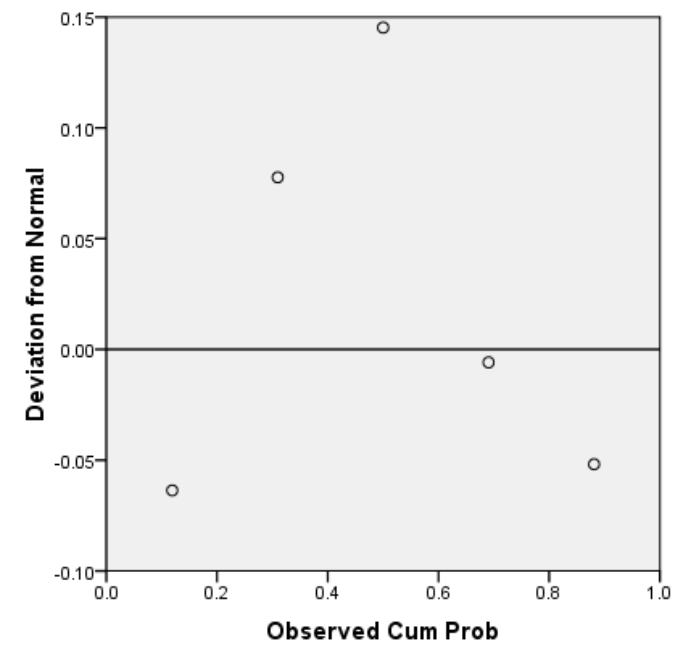


X13

Normal P-P Plot of X13

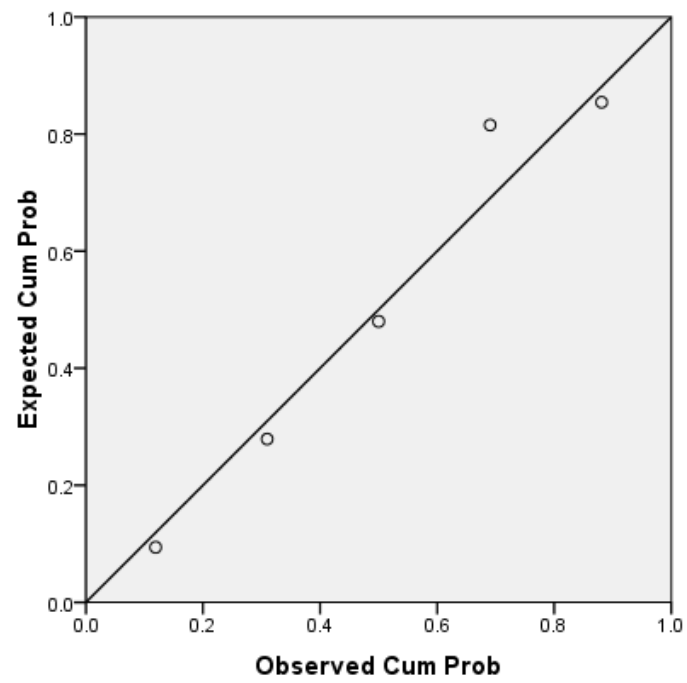


Detrended Normal P-P Plot of X13

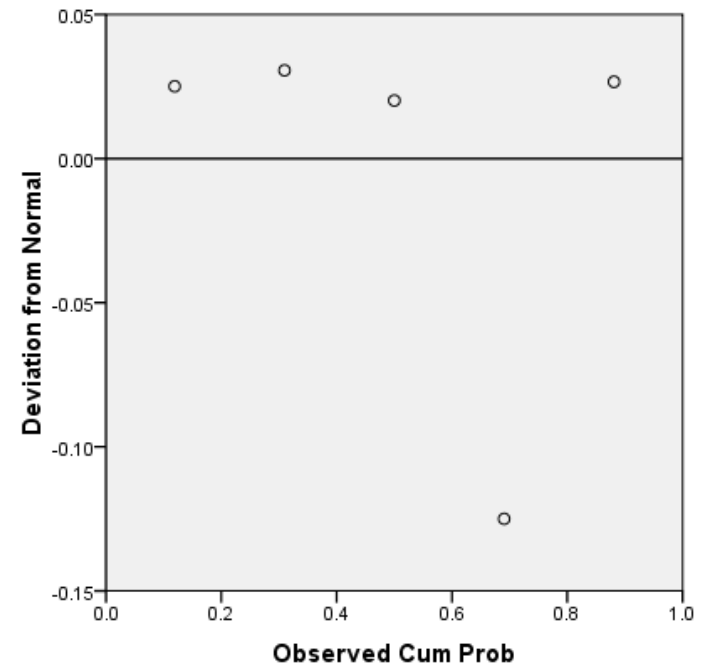


Y

Normal P-P Plot of Y



Detrended Normal P-P Plot of Y



```

CORRELATIONS
/VARIABLES=X4 X5 X7 X8 X9 X12 X13 Y
/PRINT=TWOTAIL NOSIG
/STATISTICS DESCRIPTIVES

/MISSING=PAIRWISE.

```

Correlations

Notes

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	Weight	<none>
	Split File	<none>
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=X4 X5 X7 X8 X9 X12 X13 Y /PRINT=TWOTAIL NOSIG /STATISTICS DESCRIPTIVES /MISSING=PAIRWISE.	
Resources	Processor Time	00:00:00.141
	Elapsed Time	00:00:00.102

[DataSet0]

Descriptive Statistics

	Mean	Std. Deviation	N
X4	6.66E5	121024.494	5
X5	1.96E5	46733.974	5
X7	1.54E5	45067.770	5
X8	1.56E5	66906.961	5
X9	1.80E5	9490.942	5
X12	1.46E5	52899.741	5
X13	1.72E5	46443.873	5
Y	2.03E6	285058.989	5

Correlations

		X4	X5	X7	X8	X9	X12	X13	Y
X4	Pearson Correlation	1	-.038	-.024	.011	.571	.553	.320	.479
	Sig. (2-tailed)		.952	.970	.986	.315	.334	.600	.414
	N	5	5	5	5	5	5	5	5
X5	Pearson Correlation	-.038	1	.540	.553	.234	.569	.501	.733
	Sig. (2-tailed)	.952		.348	.334	.705	.317	.390	.159
	N	5	5	5	5	5	5	5	5
X7	Pearson Correlation	-.024	.540	1	.553	-.181	-.126	.926*	.776
	Sig. (2-tailed)	.970	.348		.334	.770	.841	.024	.123
	N	5	5	5	5	5	5	5	5
X8	Pearson Correlation	.011	.553	.553	1	-.498	-.046	.401	.577
	Sig. (2-tailed)	.986	.334	.334		.393	.941	.503	.308
	N	5	5	5	5	5	5	5	5

X9	Pearson Correlation	.571	.234	-.181	-.498	1	.852	.139	.284
	Sig. (2-tailed)	.315	.705	.770	.393		.067	.823	.643
	N	5	5	5	5	5	5	5	5
X12	Pearson Correlation	.553	.569	-.126	-.046	.852	1	.126	.469
	Sig. (2-tailed)	.334	.317	.841	.941	.067		.840	.425
	N	5	5	5	5	5	5	5	5
X13	Pearson Correlation	.320	.501	.926*	.401	.139	.126	1	.889*
	Sig. (2-tailed)	.600	.390	.024	.503	.823	.840		.044
	N	5	5	5	5	5	5	5	5
Y	Pearson Correlation	.479	.733	.776	.577	.284	.469	.889*	1
	Sig. (2-tailed)	.414	.159	.123	.308	.643	.425	.044	
	N	5	5	5	5	5	5	5	5

*. Correlation is significant at the 0.05 level (2-tailed).



```

REGRESSION
/DESCRIPTIVES MEAN STDDEV CORR SIG N
/MISSING LISTWISE
/STATISTICS COEFF OUTS CI R ANOVA CHANGE
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Y
/METHOD=ENTER X13

/RESIDUALS NORM(ZRESID) .

```

Regression

Notes		
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Comments		
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Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax	REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI R ANOVA CHANGE /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Y /METHOD=ENTER X13 /RESIDUALS NORM(ZRESID).	
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	Memory Required	1468 bytes
	Additional Memory Required for Residual Plots	312 bytes

[DataSet0]

Descriptive Statistics

	Mean	Std. Deviation	N
Y	2.03E6	285058.989	5
X13	1.72E5	46443.873	5

Correlations

		Y	X13
Pearson Correlation	Y	1.000	.889
	X13	.889	1.000
Sig. (1-tailed)	Y	.	.022
	X13	.022	.
N	Y	5	5
	X13	5	5

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	X13 ^a		. Enter

a. All requested variables entered.

b. Dependent Variable: Y

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.889 ^a	.790	.720	150846.319	.790	11.284	1	3	.044

a. Predictors: (Constant), X13

b. Dependent Variable: Y

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.568E11	1	2.568E11	11.284	.044 ^a
	Residual	6.826E10	3	2.275E10		
	Total	3.250E11	4			

a. Predictors: (Constant), X13

b. Dependent Variable: Y

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95% Confidence Interval for B	
	B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	1.088E6	287162.040	3.789	.032	174107.521	2001863.066
	X13	5.455	1.624	.889	.044	.287	10.623

a. Dependent Variable: Y

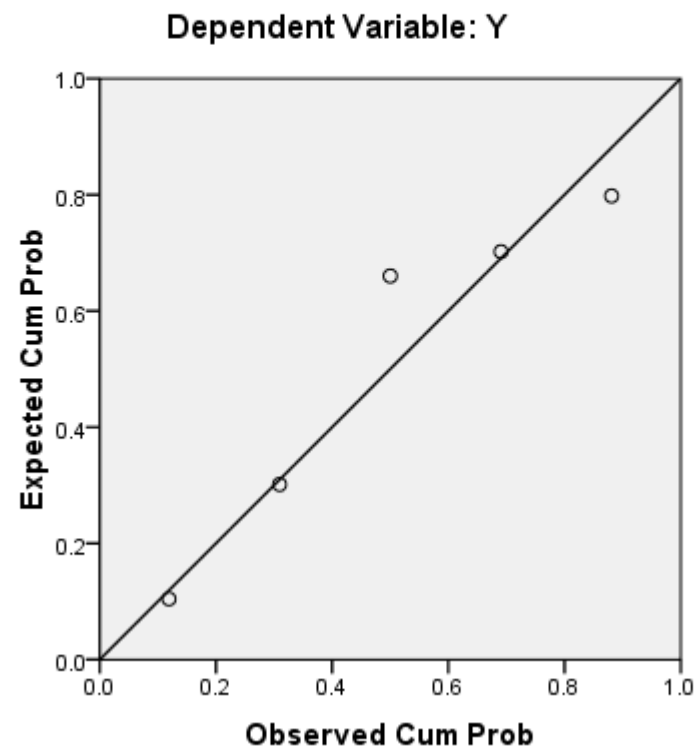
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.80E6	2.40E6	2.03E6	253362.721	5
Residual	-1.897E5	1.259E5	.000	130636.744	5
Std. Predicted Value	-.905	1.497	.000	1.000	5
Std. Residual	-1.257	.834	.000	.866	5

a. Dependent Variable: Y

Charts

Normal P-P Plot of Regression Standardized Residual



DISTRIBUSI NILAI r_{tabel} SIGNIFIKANSI 5% dan 1%

N	The Level of Significance		N	The Level of Significance	
	5%	1%		5%	1%
3	0.997	0.999	38	0.320	0.413
4	0.950	0.990	39	0.316	0.408
5	0.878	0.959	40	0.312	0.403
6	0.811	0.917	41	0.308	0.398
7	0.754	0.874	42	0.304	0.393
8	0.707	0.834	43	0.301	0.389
9	0.666	0.798	44	0.297	0.384
10	0.632	0.765	45	0.294	0.380
11	0.602	0.735	46	0.291	0.376
12	0.576	0.708	47	0.288	0.372
13	0.553	0.684	48	0.284	0.368
14	0.532	0.661	49	0.281	0.364
15	0.514	0.641	50	0.279	0.361
16	0.497	0.623	55	0.266	0.345
17	0.482	0.606	60	0.254	0.330
18	0.468	0.590	65	0.244	0.317
19	0.456	0.575	70	0.235	0.306
20	0.444	0.561	75	0.227	0.296
21	0.433	0.549	80	0.220	0.286
22	0.432	0.537	85	0.213	0.278
23	0.413	0.526	90	0.207	0.267
24	0.404	0.515	95	0.202	0.263
25	0.396	0.505	100	0.195	0.256
26	0.388	0.496	125	0.176	0.230
27	0.381	0.487	150	0.159	0.210
28	0.374	0.478	175	0.148	0.194
29	0.367	0.470	200	0.138	0.181
30	0.361	0.463	300	0.113	0.148
31	0.355	0.456	400	0.098	0.128
32	0.349	0.449	500	0.088	0.115
33	0.344	0.442	600	0.080	0.105
34	0.339	0.436	700	0.074	0.097
35	0.334	0.430	800	0.070	0.091
36	0.329	0.424	900	0.065	0.086
37	0.325	0.418	1000	0.062	0.081

Titik Persentase Distribusi F

Probabilita = 0.05

Diproduksi oleh: Junaidi

<http://junaidichaniago.wordpress.com>



Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
46	4.05	3.20	2.81	2.57	2.42	2.30	2.22	2.15	2.09	2.04	2.00	1.97	1.94	1.91	1.89
47	4.05	3.20	2.80	2.57	2.41	2.30	2.21	2.14	2.09	2.04	2.00	1.96	1.93	1.91	1.88
48	4.04	3.19	2.80	2.57	2.41	2.29	2.21	2.14	2.08	2.03	1.99	1.96	1.93	1.90	1.88
49	4.04	3.19	2.79	2.56	2.40	2.29	2.20	2.13	2.08	2.03	1.99	1.96	1.93	1.90	1.88
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87
51	4.03	3.18	2.79	2.55	2.40	2.28	2.20	2.13	2.07	2.02	1.98	1.95	1.92	1.89	1.87
52	4.03	3.18	2.78	2.55	2.39	2.28	2.19	2.12	2.07	2.02	1.98	1.94	1.91	1.89	1.86
53	4.02	3.17	2.78	2.55	2.39	2.28	2.19	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
54	4.02	3.17	2.78	2.54	2.39	2.27	2.18	2.12	2.06	2.01	1.97	1.94	1.91	1.88	1.86
55	4.02	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.06	2.01	1.97	1.93	1.90	1.88	1.85
56	4.01	3.16	2.77	2.54	2.38	2.27	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
57	4.01	3.16	2.77	2.53	2.38	2.26	2.18	2.11	2.05	2.00	1.96	1.93	1.90	1.87	1.85
58	4.01	3.16	2.76	2.53	2.37	2.26	2.17	2.10	2.05	2.00	1.96	1.92	1.89	1.87	1.84
59	4.00	3.15	2.76	2.53	2.37	2.26	2.17	2.10	2.04	2.00	1.96	1.92	1.89	1.86	1.84
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84
61	4.00	3.15	2.76	2.52	2.37	2.25	2.16	2.09	2.04	1.99	1.95	1.91	1.88	1.86	1.83
62	4.00	3.15	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.99	1.95	1.91	1.88	1.85	1.83
63	3.99	3.14	2.75	2.52	2.36	2.25	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
64	3.99	3.14	2.75	2.52	2.36	2.24	2.16	2.09	2.03	1.98	1.94	1.91	1.88	1.85	1.83
65	3.99	3.14	2.75	2.51	2.36	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.85	1.82
66	3.99	3.14	2.74	2.51	2.35	2.24	2.15	2.08	2.03	1.98	1.94	1.90	1.87	1.84	1.82
67	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.98	1.93	1.90	1.87	1.84	1.82
68	3.98	3.13	2.74	2.51	2.35	2.24	2.15	2.08	2.02	1.97	1.93	1.90	1.87	1.84	1.82
69	3.98	3.13	2.74	2.50	2.35	2.23	2.15	2.08	2.02	1.97	1.93	1.90	1.86	1.84	1.81
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81
71	3.98	3.13	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.97	1.93	1.89	1.86	1.83	1.81
72	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
73	3.97	3.12	2.73	2.50	2.34	2.23	2.14	2.07	2.01	1.96	1.92	1.89	1.86	1.83	1.81
74	3.97	3.12	2.73	2.50	2.34	2.22	2.14	2.07	2.01	1.96	1.92	1.89	1.85	1.83	1.80
75	3.97	3.12	2.73	2.49	2.34	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.83	1.80
76	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.01	1.96	1.92	1.88	1.85	1.82	1.80
77	3.97	3.12	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.96	1.92	1.88	1.85	1.82	1.80
78	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.80
79	3.96	3.11	2.72	2.49	2.33	2.22	2.13	2.06	2.00	1.95	1.91	1.88	1.85	1.82	1.79
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79
81	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.82	1.79
82	3.96	3.11	2.72	2.48	2.33	2.21	2.12	2.05	2.00	1.95	1.91	1.87	1.84	1.81	1.79
83	3.96	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.91	1.87	1.84	1.81	1.79
84	3.95	3.11	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.95	1.90	1.87	1.84	1.81	1.79
85	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.79
86	3.95	3.10	2.71	2.48	2.32	2.21	2.12	2.05	1.99	1.94	1.90	1.87	1.84	1.81	1.78
87	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.87	1.83	1.81	1.78
88	3.95	3.10	2.71	2.48	2.32	2.20	2.12	2.05	1.99	1.94	1.90	1.86	1.83	1.81	1.78
89	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78
90	3.95	3.10	2.71	2.47	2.32	2.20	2.11	2.04	1.99	1.94	1.90	1.86	1.83	1.80	1.78

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
91	3.95	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.90	1.86	1.83	1.80	1.78
92	3.94	3.10	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.94	1.89	1.86	1.83	1.80	1.78
93	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.78
94	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.83	1.80	1.77
95	3.94	3.09	2.70	2.47	2.31	2.20	2.11	2.04	1.98	1.93	1.89	1.86	1.82	1.80	1.77
96	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
97	3.94	3.09	2.70	2.47	2.31	2.19	2.11	2.04	1.98	1.93	1.89	1.85	1.82	1.80	1.77
98	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
99	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.98	1.93	1.89	1.85	1.82	1.79	1.77
100	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93	1.89	1.85	1.82	1.79	1.77
101	3.94	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.93	1.88	1.85	1.82	1.79	1.77
102	3.93	3.09	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.77
103	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
104	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.82	1.79	1.76
105	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.85	1.81	1.79	1.76
106	3.93	3.08	2.69	2.46	2.30	2.19	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
107	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.79	1.76
108	3.93	3.08	2.69	2.46	2.30	2.18	2.10	2.03	1.97	1.92	1.88	1.84	1.81	1.78	1.76
109	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
110	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
111	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.97	1.92	1.88	1.84	1.81	1.78	1.76
112	3.93	3.08	2.69	2.45	2.30	2.18	2.09	2.02	1.96	1.92	1.88	1.84	1.81	1.78	1.76
113	3.93	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.92	1.87	1.84	1.81	1.78	1.76
114	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
115	3.92	3.08	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
116	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.81	1.78	1.75
117	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
118	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.84	1.80	1.78	1.75
119	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
120	3.92	3.07	2.68	2.45	2.29	2.18	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.78	1.75
121	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
122	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96	1.91	1.87	1.83	1.80	1.77	1.75
123	3.92	3.07	2.68	2.45	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
124	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
125	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.96	1.91	1.87	1.83	1.80	1.77	1.75
126	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.87	1.83	1.80	1.77	1.75
127	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
128	3.92	3.07	2.68	2.44	2.29	2.17	2.08	2.01	1.95	1.91	1.86	1.83	1.80	1.77	1.75
129	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
130	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
131	3.91	3.07	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.80	1.77	1.74
132	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
133	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
134	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.83	1.79	1.77	1.74
135	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.77	1.74

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
136	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.77	1.74
137	3.91	3.06	2.67	2.44	2.28	2.17	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
138	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
139	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
140	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.01	1.95	1.90	1.86	1.82	1.79	1.76	1.74
141	3.91	3.06	2.67	2.44	2.28	2.16	2.08	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
142	3.91	3.06	2.67	2.44	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
143	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
144	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.95	1.90	1.86	1.82	1.79	1.76	1.74
145	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.86	1.82	1.79	1.76	1.74
146	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.74
147	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.73
148	3.91	3.06	2.67	2.43	2.28	2.16	2.07	2.00	1.94	1.90	1.85	1.82	1.79	1.76	1.73
149	3.90	3.06	2.67	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
150	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
151	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
152	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.79	1.76	1.73
153	3.90	3.06	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
154	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
155	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.82	1.78	1.76	1.73
156	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.76	1.73
157	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.76	1.73
158	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
159	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
160	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
161	3.90	3.05	2.66	2.43	2.27	2.16	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
162	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
163	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
164	3.90	3.05	2.66	2.43	2.27	2.15	2.07	2.00	1.94	1.89	1.85	1.81	1.78	1.75	1.73
165	3.90	3.05	2.66	2.43	2.27	2.15	2.07	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
166	3.90	3.05	2.66	2.43	2.27	2.15	2.07	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
167	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
168	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
169	3.90	3.05	2.66	2.43	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
170	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.94	1.89	1.85	1.81	1.78	1.75	1.73
171	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.85	1.81	1.78	1.75	1.73
172	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
173	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
174	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
175	3.90	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.89	1.84	1.81	1.78	1.75	1.72
176	3.89	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
177	3.89	3.05	2.66	2.42	2.27	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
178	3.89	3.05	2.66	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
179	3.89	3.05	2.66	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.78	1.75	1.72
180	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
181	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
182	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
183	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
184	3.89	3.05	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.81	1.77	1.75	1.72
185	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.75	1.72
186	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.75	1.72
187	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
188	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
189	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
190	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
191	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
192	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
193	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
194	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
195	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
196	3.89	3.04	2.65	2.42	2.26	2.15	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
197	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
198	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
199	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.99	1.93	1.88	1.84	1.80	1.77	1.74	1.72
200	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
201	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
202	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
203	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
204	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
205	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
206	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72
207	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.71
208	3.89	3.04	2.65	2.42	2.26	2.14	2.05	1.98	1.93	1.88	1.83	1.80	1.77	1.74	1.71
209	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
210	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
211	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
212	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
213	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
214	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.88	1.83	1.80	1.77	1.74	1.71
215	3.89	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
216	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
217	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
218	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
219	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.77	1.74	1.71
220	3.88	3.04	2.65	2.41	2.26	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
221	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
222	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
223	3.88	3.04	2.65	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
224	3.88	3.04	2.64	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71
225	3.88	3.04	2.64	2.41	2.25	2.14	2.05	1.98	1.92	1.87	1.83	1.80	1.76	1.74	1.71